

7. LAMPIRAN

7.1. Syarat Mutu Susu UHT

No	Jenis Uji	Satuan	Persyaratan		
			Berlemak (<i>Full Cream</i>)	Rendah Lemak (<i>Low Fat Milk</i>)	Bebas Lemak (<i>Free Fat Milk</i>)
1	Keadaan				
1.1	Warna	-	khas, normal	khas, normal	khas, normal
1.2	Bau	-	khas, normal	khas, normal	khas, normal
1.3	Rasa	-	khas, normal	khas, normal	khas, normal
2	Protein (N x 6,38)	% b/b	min 2,7 min 2,0*)	min 2,7 min 2,0*)	min 2,7 min 2,0*)
3	Lemak	% b/b	min 3,0 min 2,0*)	min 0,6 - 2,9 min 0,6 - 1,9 *)	maks 0,5 maks 0,5*)
4	Total padatan tanpa lemak	% b/b	min 8,0	min 8,0	min 8,0
5	Cemaran logam				
5.1	Kadmium (Cd)	mg/kg	maks 0,2	maks 0,2	maks 0,2
5.2	Timbal (Pb)	mg/kg	maks 0,02	maks 0,02	maks 0,02
5.3	Timah (Sn)	mg/kg	maks 40,0	maks 40,0	maks 40,0
5.4	Merkuri (Hg)	mg/kg	maks 0,03	maks 0,03	maks 0,03
6	Cemaran arsen (As)	mg/kg	maks 0,1	maks 0,1	maks 0,1
7	Aflatoksin (M1)	µg/kg	maks 0,5	maks 0,5	maks 0,5
8	Cemaran mikroba				
8.1	Angka Lempeng Total	koloni/0,1 ml	< 10	< 10	< 10

CATATAN: *) untuk susu berperisa

(SNI 3950-2014)

7.2. Kuesioner

7.2.1. Kuesioner Uji Purwa

KUESIONER KONSUMSI SUSU PADA ANAK

Tanggal :

Nama Anak : Jenis kelamin : (L / P)

Umur Anak :tahun

Berat Badan Anak :kg

1. Apakah anak suka minum susu ?
2. Apakah jenis susu yang diminum ?
3. Apakah suka minum susu UHT (susu kemasan siap minum) alasannya
4. Berapa kali minum susu per hari dan berapa jumlahnya ?
5. Berapakah jumlah susu UHT yang diminum per hari / per minggu ?
6. Apakah merk susu UHT yang disukai ?

7.2.2. Kuesioner Utama

KUESIONER KONSUMSI SUSU PADA ANAK	
Tanggal :
Nama Anak : Jenis Kelamin : (L / P)
Umur Anak :tahun
Berat Badan Anak : kg
1. Apakah anak suka minum susu ?	
a.	Ya (jika Ya, silahkan lanjutkan ke pertanyaan berikutnya)
b.	Tidak
2. Apakah jenis produk susu sapi yang diminum anak (boleh mengisi > 1) :	
a.	susu sapi segar
b.	Susu bubuk dicairkan (diseduh)
c.	Susu cair kemasan siap minum (UHT Milk) (silahkan lanjutkan ke pertanyaan berikutnya)
d.	Produk susu lainnya :
3. Alasan memilih susu cair kemasan siap minum (UHT) (boleh mengisi > 1) ?	
a.	Rasanya enak
b.	Praktis
c.	Lainnya
4. Frekuensi minum produk susu cair kemasan siap minum (UHT)	
a.	3 kali / hari
b.	2 kali / hari
c.	1 kali / hari
d.	4 kali / minggu
e.	3 kali / minggu
f.	2 kali / minggu
g.	Lainnya
5. Jumlah setiap kali minum susu cair kemasan siap minum (UHT)	
a.	Kotak / botol kecil (115 - 125 ml)
b.	Kotak / botol besar (250 ml)
c.	Lainnya
6. Rasa susu cair kemasan siap minum (UHT) yang diminum (boleh mengisi > 1) :	
a.	Plain / original / tanpa rasa
b.	Vanila
c.	Coklat
d.	Stroberi
e.	Lainnya
7. Apakah merk susu UHT yang disukai (boleh mengisi > 1)	
a.	Ultra Jaya
b.	Indomilk
c.	Frisian flag (Bendera)
d.	Lainnya





7.3. Daftar Sample Susu UHT

	Kode	Nama Sample	Kadaluarsa
1	A1	Susu Segar Purwodadi 1	
2	A2	Susu Segar Purwodadi 2	
3	C1	Indomilk Cokelat 1	September 2020
4	C2	Indomilk Cokelat 2	Oktober 2020
5	D1	Indomilk Stroberi 1	Oktober 2020
6	D2	Indomilk Stroberi 2	Agustus 2020
7	E1	Susu Segar Boyolali 1	
8	E2	Susu Segar Boyolali 2	
9	F1	Ultra Cokelat 1	September 2020
10	F2	Ultra Cokelat 2	November 2020
11	G1	Ultra Milk Stroberi 1	September 2020
12	G2	Ultra Milk Stroberi 2	Oktober 2020
13	H1	Frisian Flag Stroberi 1	Juni 2020
14	H2	Frisian Flag Stroberi 2	Agustus 2020
15	I1	Frisian Flag Cokelat 1	November 2020
16	I2	Frisian Flag Cokelat 2	Desember 2020
17	J1	Greenfield Cokelat 1	Oktober 2020
18	J2	Greenfield Cokelat 2	September 2020
19	K1	Greenfield Stroberi 1	Agustus 2020
20	K2	Greenfield Stroberi 2	September 2020
21	L	Kin Fresh Milk UHT	November 2020
22	M	Kin Cokelat	Desember 2020
23	N	Nestle Bear Brand Sterile Milk	April 2021
24	O	Realgood Stroberi	Mei 2020
25	P	Realgood Cokelat	September 2020
26	Q	Hilo School Cokelat	November 2020
27	R	Clevo Cokelat	Januari 2021
28	S	Clevo Stroberi	Januari 2021
29	T	Diamond Stroberi	Agustus 2020
30	U	Diamond Cokelat	Juli 2020
31	V	Cimory UHT Cokelat	Oktober 2020
32	W	Cimory UHT Stroberi	Oktober 2020
33	X	Vidoran X-Mart Stroberi	Juni 2020
34	Y	Vidoran X-Mart Cokelat	Agustus 2020
35	Z1	Susu Segar Salatiga 1	
36	Z2	Susu Segar Salatiga 2	

Daftar komposisi bahan produk susu UHT

	Nama Perusahaan Pendaftar	Merek	Komposisi Utama Susu
1	PT. Indolacto		Susu Segar & Susu Skim Bubuk
2	PT. Frisian Flag Indonesia		Susu Segar & Susu Skim Bubuk
3	PT. Greenfields Indonesia		Susu Segar & Susu Skim Bubuk
4	PT. Cisarua Montain Dairy		Susu Segar & Susu Skim Bubuk
5	PT. Tempo Scan Pacific Tbk		Susu Segar & Susu Skim Bubuk

6	PT. Shang Hiang Perkasa		Susu Bubuk
			Susu Bubuk
7	PT. Diamond Cold Storage		Susu Segar & Susu Skim Bubuk
			Susu Bubuk
8	PT. Ultra Jaya Industry & Trading Company, Tbk		Susu Segar & Susu Skim Bubuk

9	PT. ABC Kogen Dairy		Susu Segar & Susu Skim Bubuk
10	PT. Sarana Karya Utama		Susu Bubuk
11	PT. So Good Food		Susu Segar & Susu Skim Bubuk
12	PT. Sari Husada		Susu Bubuk

13	PT. Nutricia		Susu Bubuk
14	PT. Nestle Indonesia		Susu Segar
			Susu bubuk
			Susu Bubuk
15	PT. Garuda Food Putra Putri Jaya, Tbk		Susu Segar & Susu Skim Bubuk

16 PT. Nutrifood Indonesia

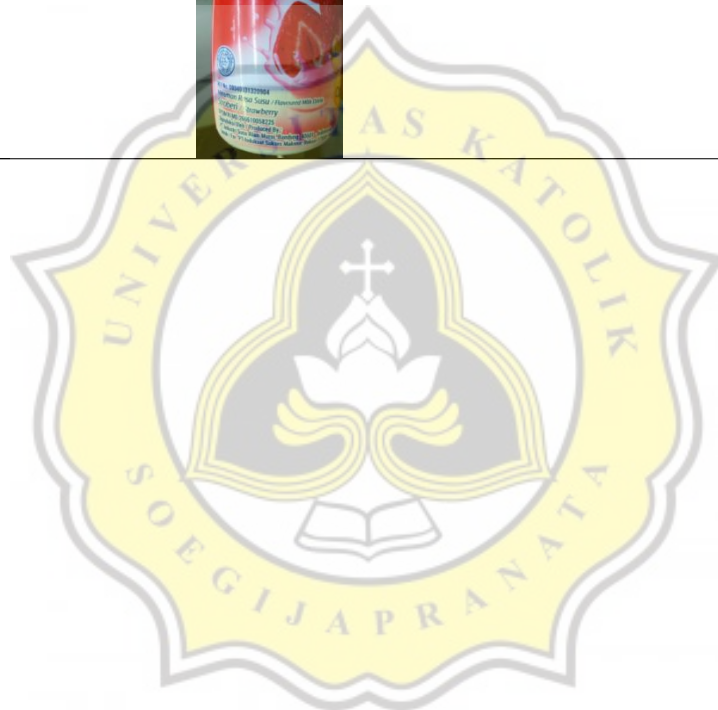


Susu Segar & Susu Skim Bubuk

17 PT. Indkuat Sukses Makmur



Susu bubuk



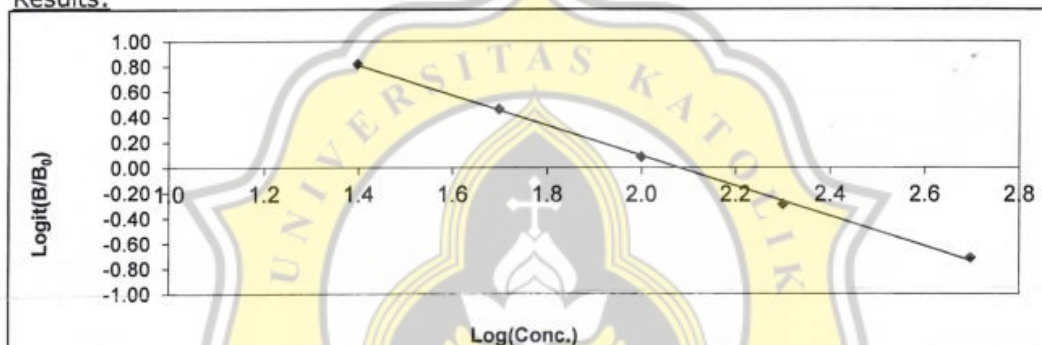
7.4. Sertifikat Kinerja AgraQuant® Aflatoxin M1 Sensitive 25/500 Romer Labs

Certificate of Performance



Product Name: AgraQuant® Aflatoxin M1 Sensitive ELISA Test Kit
25 - 500 ppt
Product No.: 10002116/ 10002117
Lot Number: 1000002293/ 1000002294
Expiry Date: 10.01.2021
Storage Conditions: The test kit components can be used until the expiry date given on the package if stored at 2 - 8 °C; do not freeze. Frequent use of the test kit and/or improper storage may affect the kit shelf life.

Testing Method: The ELISA kit has been tested with a known positive control.

Results:

Correlation coefficient R = -0.9995

Sample ID	Number	Mean OD	B/Bmax [%]	CV [%]
Standard 1, 0 ppt	2	2.137	100	1.40
Standard 2, 25 ppt	2	1.856	87	0.85
Standard 3, 50 ppt	2	1.587	74	0.86
Standard 4, 100 ppt	2	1.170	55	2.54
Standard 5, 200 ppt	2	0.725	34	2.16
Standard 6, 500 ppt	2	0.347	16	0.40
Quality Control Sample ID	Number	Concentration [ppt]	CV [%]	
Non-contaminated Milk	2	< LOQ	N/A	
Milk contaminated, 50 ppt	2	54.6	1.95	
Milk contaminated, 500 ppt	2	446.0	4.88	

Note: Within this Lot number LOQ is equivalent to LOD.

Quality Control Associate

04.02.2020

Date (DD.MM.YYYY)

Quality Control Associate

04.02.2020

Date (DD.MM.YYYY)

7.5. Uji Reliabilitas Kuesioner dengan Teknik Kesesuaian

Uji Reliabilitas Pertanyaan butir 1

No	Nama	Jawaban Awal		Jawaban Ulangan	
		Pertanyaan 1		Pertanyaan 1	
		Ya	Tidak	Ya	Tidak
1	Adrian	1		1	
2	Joshua	1		1	
3	Joel	1		1	
4	Jethro	1		1	
5	Miracle	1		1	
6	Mathew	1		1	
7	Kenard	1		1	
8	James	1		1	
9	Yosi	1		1	
10	Aryo	1		1	
11	Clifton	1		1	
12	Jihan	1		1	
13	Elyas	1		1	
14	Chelsea	1		1	
15	Nathan	1		1	
16	Joyselin	1		1	
17	Bryan	1		1	
18	Kayla	1		1	
19	Yaya	1		1	
20	Bryan	1		1	
		20	0	20	0

Pertanyaan 1	Jawaban Ulangan		Total
	suka susu	tidak suka susu	
Jawaban Awal			
suka susu	20	0	20
tidak suka susu	0	0	0
Total	20	0	20

Indeks Kesesuaian Kasar (Pertanyaan 1) = $20/20 = 1$

$p > 0,9 =$ Jawaban Stabil

Uji Reliabilitas Pertanyaan butir 4

No	Nama	Jawaban Awal							Jawaban Ulangan						
		Pertanyaan 4							Pertanyaan 4						
		3x / hari	2x / hari	1x / hari	4x / mgg	3x / mgg	2x / mgg	jarang	3x / hari	2x / hari	1x / hari	4x / mgg	3x / mgg	2x / mgg	jarang
1	Adrian			1							1				
2	Joshua			1							1				
3	Joel			1							1				
4	Jethro					1							1		
5	Miracle		1							1					
6	Mathew					1							1		
7	Kenard					1							1		
8	James			1							1				
9	Yosi		1							1					
10	Aryo	1								1					
11	Clifton	1								1					
12	Jihan						1							1	
13	Elyas	1								1					
14	Chelsea														
15	Nathan		1								1				
16	Joyselin					1							1		
17	Bryan							1							1
18	Kayla		1								1				
19	Yaya							1							1
20	Bryan							1							1
		3	4	4	0	4	1	3	3	4	4	0	4	1	3

Pertanyaan 4	Jawaban Ulangan							Total
Jawaban awal	3x/hari	2x/hari	1x/hari	4x/mgg	3x/mgg	2x/mgg	jarang	
3 x /hari	3	0	0	0	0	0	0	3
2 x /hari	0	4	0	0	0	0	0	4
1 x /hari	0	0	4	0	0	0	0	4
4 x /minggu	0	0	0	0	0	0	0	0
3 x /minggu	0	0	0	0	4	0	0	4
2 x /minggu	0	0	0	0	0	1	0	1
jarang	0	0	0	0	0	0	3	3
Total	3	4	4	0	4	1	3	19

Indeks Kesesuaian Kasar (Pertanyaan 4) = $19/19 = 1$

$p > 0,9 =$ Jawaban Stabil

Uji Reliabilitas Pertanyaan butir 5

No	Nama	Jawaban awal			Jawaban Ulangan		
		Pertanyaan 5			Pertanyaan 5		
		115-125 mL	250 mL	lainya	115-125 mL	250 mL	lainnya
1	Adrian	1			1		
2	Joshua	1			1		
3	Joel		1			1	
4	Jethro		1			1	
5	Miracle	1			1		
6	Mathew	1			1		
7	Kenard	1			1		
8	James	1			1		
9	Yosi	1			1		
10	Aryo	1			1		
11	Clifton		1			1	
12	Jihan	1			1		
13	Elyas	1			1		
14	Chelsea						
15	Nathan		1			1	
16	Joyselin	1			1		
17	Bryan	1			1		
18	Kayla	1			1		
19	Yaya		1			1	
20	Bryan		1			1	
		13	6	0	13	6	0

Pertanyaan 5	Jawaban ulangan		Total
	115 - 125 ml	250 ml	
Jawaban awal			
115-125 ml	13	0	13
250 ml	0	6	6
Total	13	6	19

Indeks Kesesuaian Kasar (Pertanyaan 5) = $19/19 = 1$
 $p > 0,9 =$ Jawaban Stabil

7.6. Rekap Data Survei Konsumsi susu UHT

	Nama	umur	Berat badan	Jumlah konsumsi susu UHT
		(tahun)	(kg)	ml/hari
1	Jethro	2	13	107.14
2	Owen	2	15	35.71
3	Giovano	2	15	125.00
4	Vanesa	2	10	71.43
5	Najib	2	10	250.00
6	Kriswangsa	2	17	125.00
7	Onik	2	14	750.00
8	Lintang	2	10	375.00
9	Fayla	2	12	375.00
10	Ayu	2	6	17.86
11	Nasywa	2	11	17.86
12	Kanza	2	11	375.00
13	Inara	2	15	250.00
14	Kenard	3	13	53.57
15	Kala	3	13	71.43
16	Kenzo	3	12	375.00
17	Zizi	3	14	250.00
18	Gendhis	3	15	35.71
19	Davin	3	20	35.71
20	Crisalin	3	15	35.71
21	Acelin	3	15	71.43
22	Arka	3	18.5	750.00
23	Kimberly	3	11	17.86
24	Alesa	3	12	17.86
25	Gita	3	18	750.00
26	Gabriele	3	15	71.43
27	Leonata	3	13	125.00
28	Gichela	3	15	35.71
29	Aira	3	16	35.71
30	Cleva	3	13	35.71
31	Hafeesa	3	18	71.43
32	Arfan	3	13	35.71
33	Ayra	3	14	375.00
34	Ai	3	13	125.00
35	Kenzo	3	12	71.43
36	Joshua	4	20	125.00
37	Miracle	4	16	250.00
38	Mathew	4	15	53.57
39	James	4	17	125.00

40	Yosi	4	13	250.00
41	Elyas	4	16.5	750.00
42	Nathan	4	17.5	500.00
43	Joyselin	4	14	53.57
44	Amari	4	18	375.00
45	Mikail	4	15	125.00
46	Alika	4	22	125.00
47	Dave	4	25	250.00
48	Steven	4	16	35.71
49	Tyago	4	18	375.00
50	Trisa	4	16	35.71
51	Orick	4	17.5	125.00
52	Glenn	4	15	125.00
53	Keiva	4	14	250.00
54	Nael	4	22	71.43
55	Alkhalifi	4	17	17.86
56	Leroy	4	20	35.71
57	Megan	4	15	53.57
58	Sean	4	17	500.00
59	Maulana	4	17	71.43
60	Celita	4	15	375.00
61	Asyraf	4	15	71.43
62	Zeke	4	15	250.00
63	Key	4	14	107.14
64	Cheril	4	15	250.00
65	Owen	4	18	250.00
66	Oliver	4	16	750.00
67	Elvina	4	15	375.00
68	Jose	4	25	750.00
69	Sharon	4	21	125.00
70	Katelyn	4	16	250.00
71	Jose	4	18	17.86
72	Joshua	4	17	17.86
73	Javyn Craig Lie	4	15	250.00
74	Filbert	4	13	17.86
75	Timoty	4	17	53.57
76	Aryo	5	29.5	375.00
77	Clifton	5	14	750.00
78	Bryan	5	17	17.86
79	Kayla	5	18	250.00
80	Petra	5	20	35.71
81	Yohanes	5	22	17.86

82	Eleanor	5	20	53.57
83	Victoria	5	18	125.00
84	Deborah	5	20	71.43
85	Dominic	5	18	750.00
86	Kirana	5	16	375.00
87	Astrid	5	19	142.86
88	Kinanti	5	19	750.00
89	Edrik	5	20	107.14
90	Al	5	35	125.00
91	Wisnu	5	19	375.00
92	Darlene	5	25	17.86
93	Vino	5	20	250.00
94	Emiy	5	17	125.00
95	Batsnah	5	21	750.00
96	Sean	5	16	53.57
97	Aaron	5	20	250.00
98	Meme	5	28	71.43
99	Izam	5	15	500.00
100	Raisa	5	15	1000.00
101	Zevana	5	13	250.00
102	Harumi	5	16	17.86
103	Hanzel	5	17	35.71
104	Noel	5	18	500.00
105	Rachele	5	16	250.00
106	Joan	5	17	53.57
107	Shannon	5	19	125.00
108	Vika	5	19	125.00
109	Cheryl	5	18	17.86
110	Jihan	6	19	35.71
111	Lyvia	6	22.5	250.00
112	Ken ken	6	25	250.00
113	Kaira	6	23	71.43
114	Rajendra	6	24	17.86
115	Kayla Yesania	6	21	17.86
116	Erastus	6	25	17.86
117	Joycelyn	6	20	500.00
118	Acelio	6	25	250.00
119	Nicole	6	25	71.43
120	Naisila	6	17	125.00
121	Elaine	6	20	17.86
122	Ethan	6	21	750.00
123	Kevin	6	22	125.00

124	Bezaleel	6	22	71.43
125	Jeane	6	38	35.71
126	Kenzo	6	23	500.00
127	Naveen	6	25	35.71
128	Qweena	6	31	35.71
129	Jaden Claysen Lie	6	24	250.00
130	carletta manuella	6	20	35.71
131	Yesha	6	26	125.00
132	Russel	7	36.5	250.00
133	Adam	7	20	17.86
134	Clein	7	27	250.00
135	Agnes	7	26	250.00
136	Derren	7	30	107.14
137	Atha	7	30	750.00
138	Aiko	7	31	125.00
139	Olivia Hardien	7	25	125.00
140	Natanael	7	25	250.00
141	Delano	7	25	375.00
142	Charisa	7	17	17.86
143	Jovandra	7	25	53.57
144	Felicia	7	25	17.86
145	Lika	7	18	53.57
146	Yaya	8	20	35.71
147	Eunike	8	22	17.86
148	Chevy	8	25	71.43
149	Regina	8	40	250.00
150	Selomita	8	43	17.86
151	Raihan	8	27	35.71
152	Celine	8	26	500.00
153	Zinan	8	28	35.71
154	Idzni	8	25	35.71
155	Aerylin	8	25	17.86
156	Davina	8	29	750.00
157	Najwa	8	30	500.00
158	Richele	8	32	35.71
159	Yona	8	45	35.71
160	Lila	8	23	53.57
161	Alvaro	9	28	250.00
162	Sean	9	38	500.00
163	Stevan	9	35	35.71
164	Gizele	9	32	35.71
165	Jeco	9	49	750.00

166	Hani	9	26	125.00
167	Joveline Alicia	9	22	250.00
168	Olivia	10	40	35.71
169	Claurensia	10	39	250.00
170	Clairine	10	36	250.00
171	Izma	10	30	35.71
172	Natasya	10	38	250.00
173	Jason	10	35	250.00
174	Valencia	10	30	17.86
175	Gerald Jefferson	10	54	500.00
176	Adrian	11	35	125.00
177	Bryan	11	30	35.71
178	Kezia	11	43	250.00
179	Valensia	11	25	125.00
180	Rian	11	35	107.14
181	Joanita	11	28	35.71
182	Vivien	11	59	107.14
183	Rasiq	11	62	375.00
184	Zelosa	11	48	71.43
185	Bica	11	28	500.00
186	Joel	12	45	25.00
187	Gerald	12	35	35.71
188	Giselle	12	39	17.86
189	Ertrela	12	40	250.00
	Rata-rata			200.25

7.7. Uji Non Parametrik Konsumsi Susu UHT (mL/hari) menurut kelompok umur

Statistics

consumption		
N	Valid	189
	Missing	0
Mean		200.2457
Std. Error of Mean		15.70673
Median		125.0000
Mode		250.00
Std. Deviation		215.93183
Variance		46626.554
Range		982.14
Minimum		17.86
Maximum		1000.00

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (consumption) GROUP (age)
 /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
 /CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of consumption is the same across categories of age.	Independent-Samples Kruskal- Wallis Test	.338	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

7.8. Perhitungan nilai absorbansi Kurva standar AFM1

Standard	SCAN 1	SCAN 2	MEAN	% absorbance
0	1.5854	1.5921	1.58875	
25	1.3732	1.3893	1.38125	86.9394
50	1.2247	1.2319	1.2283	77.3124
100	0.8884	0.9008	0.8946	56.3084
200	0.5574	0.5642	0.5608	35.2982
500	0.2807	0.2824	0.28155	17.7215



7.9. Perhitungan konsentrasi AFM1 pada sampel

No	Kode	Sampel	Abs1	Abs2	% abs 1	% abs 2	Rata-rata % abs	Konsentrasi AFM1
1	A1	Susu Segar Purwodadi 1	1.1568	1.1658	72.97	73.22	73.09	49.21
2	A2	Susu Segar Purwodadi 2	1.1180	1.1208	70.52	70.40	70.46	54.82
3	C1	Indomilk Cokelat 1	0.5618	0.5674	35.44	35.64	35.54	229.21
4	C2	Indomilk Cokelat 2	0.5987	0.5981	37.76	37.57	37.67	210.08
5	D1	Indomilk Stroberi 1	1.1708	1.1769	73.85	73.92	73.89	47.64
6	D2	Indomilk Stroberi 2	1.3914	1.3895	87.76	87.27	87.52	27.25
7	E1	Susu Segar Boyolali 1	0.9673	0.9757	61.01	61.28	61.15	80.28
8	E2	Susu Segar Boyolali 2	0.9653	0.9730	60.89	61.11	61.00	80.76
9	F1	Ultra Milk Cokelat 1	0.5458	0.5496	34.43	34.52	34.47	239.42
10	F2	Ultra Milk Cokelat 2	0.5650	0.5654	35.64	35.51	35.58	228.85
11	G1	Ultra Milk Stroberi 1	1.1164	1.1265	70.42	70.76	70.59	54.53
12	G2	Ultra Milk Stroberi 2	1.0813	1.0863	68.20	68.23	68.22	60.09
13	H1	Frisian Flag Stroberi 1	1.2984	1.3024	81.90	81.80	81.85	34.38
14	H2	Frisian Flag Stroberi 2	1.3069	1.3039	82.43	81.90	82.17	33.94
15	I1	Frisian Flag Cokelat 1	0.6503	0.6577	41.02	41.31	41.16	182.02
16	I2	Frisian Flag Cokelat 2	0.6566	0.6624	41.42	41.61	41.51	179.46
17	J1	Greenfield Cokelat 1	0.5497	0.5522	34.67	34.68	34.68	237.42
18	J2	Greenfield Cokelat 2	0.5716	0.5769	36.05	36.24	36.14	223.58
19	K1	Greenfield Stroberi 1	1.3144	1.3209	82.91	82.97	82.94	32.88
20	K2	Greenfield Stroberi 2	1.3152	1.3240	82.96	83.16	83.06	32.72
21	L	Kin Fresh Milk UHT	1.3601	1.3636	85.79	85.65	85.72	29.34
22	M	Kin Cokelat	0.7245	0.7301	45.70	45.86	45.78	150.67
23	N	Nestle Bear Brand Steril Milk	0.6856	0.6925	43.24	43.50	43.37	166.29
24	O	Realgood Stroberi	1.3333	1.3509	84.10	84.85	84.47	30.87
25	P	Realgood Cokelat	0.6514	0.6553	41.09	41.16	41.12	182.33
26	Q	Hilo School Cokelat	0.5292	0.5332	33.38	33.49	33.43	249.83
27	R	Clevo Cokelat	0.4674	0.4686	29.48	29.43	29.46	294.04
28	S	Clevo Stroberi	1.3693	1.3809	86.37	86.73	86.55	28.35
29	T	Diamond Stroberi	1.1559	1.1584	72.91	72.76	72.83	49.74
30	U	Diamond Chocolate	0.5508	0.5565	34.74	34.95	34.85	235.78
31	V	Cimory UHT Cokelat	0.4880	0.4866	30.78	30.56	30.67	279.76
32	W	Cimory UHT Stroberi	1.2534	1.2668	79.06	79.57	79.31	38.14
33	X	Vidoran X-Mart Stroberi	1.2654	1.2694	79.82	79.73	79.77	37.43
34	Y	Vidoran X-Mart Cokelat	0.6217	0.6279	39.21	39.44	39.33	196.26
35	Z1	Susu Segar Salatiga 1	1.4918	1.4979	94.10	94.08	94.09	20.82
36	Z2	Susu Segar Salatiga 2	1.4496	1.4604	91.43	91.73	91.58	23.08

Konsentrasi AFM1 pada sampel susu segar dan susu *UHT*

Statistics

AFM1concentration		
N	Valid	36
	Missing	0
Mean		120.3131
Median		70.1850 ^a
Mode		20.82 ^b
Std. Deviation		93.07263
Minimum		20.82
Maximum		294.04

a. Calculated from grouped data.

b. Multiple modes exist. The smallest value is shown

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (AFM1concentration) GROUP (milktype)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of AFM1 concentration is the same across categories of milktype.	Independent-Samples Mann-Whitney U Test	.113 ¹	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

¹Exact significance is displayed for this test.

Konsentrasi AFM1 menurut rasa susu *UHT*

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (AFM1concentration) GROUP (group)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of AFM1 concentration is the same across categories of group.	Independent-Samples Kruskal-Wallis Test	.000	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

Susu UHT tanpa rasa dan rasa stroberi : tidka berbeda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (AFM1concentration) GROUP (milktype)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of AFM1 concentration is the same across categories of milktype.	Independent-Samples Mann-Whitney U Test	.800 ¹	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

¹Exact significance is displayed for this test.

Susu UHT Stroberi dan coklat : berbeda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (AFM1concentration) GROUP (milktype)
/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of AFM1 concentration is the same across categories of milktype.	Independent-Samples Mann-Whitney U Test	.000 ¹	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

¹Exact significance is displayed for this test.

Susu UHT tanpa rasa dan coklat : berbeda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (AFM1concentration) GROUP (milktype)
/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of AFM1 concentration is the same across categories of milktype.	Independent-Samples Mann-Whitney U Test	.029 ¹	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

¹Exact significance is displayed for this test.

7.10. Perhitungan EDI AFM1 pada susu UHT

	Nama	umur	Berat badan	Konsumsi susu UHT		semua	Rasa coklat	Rasa stroberi	Tanpa rasa
		(tahun)	(kg)	ml/hari	L/hari	EDI	EDI	EDI	EDI
1	Jethro	2	13	107.14	0.11	1.11	1.82	0.39	0.81
2	Owen	2	15	35.71	0.04	0.32	0.53	0.11	0.23
3	Giovano	2	15	125.00	0.13	1.12	1.84	0.39	0.82
4	Vanessa	2	10	71.43	0.07	0.96	1.58	0.34	0.70
5	Najib	2	10	250.00	0.25	3.35	5.53	1.17	2.45
6	Kriswangsa	2	17	125.00	0.13	0.99	1.63	0.34	0.72
7	Onik	2	14	750.00	0.75	7.18	11.85	2.51	5.24
8	Lintang	2	10	375.00	0.38	5.03	8.30	1.76	3.67
9	Fayla	2	12	375.00	0.38	4.19	6.91	1.47	3.06
10	Ayu	2	6	17.86	0.02	0.40	0.66	0.14	0.29
11	Nasywa	2	11	17.86	0.02	0.22	0.36	0.08	0.16
12	Kanza	2	11	375.00	0.38	4.57	7.54	1.60	3.33
13	Inara	2	15	250.00	0.25	2.23	3.69	0.78	1.63
14	Kenard	3	13	53.57	0.05	0.55	0.91	0.19	0.40
15	Kala	3	13	71.43	0.07	0.74	1.22	0.26	0.54
16	Kenzo	3	12	375.00	0.38	4.19	6.91	1.47	3.06
17	Zizi	3	14	250.00	0.25	2.39	3.95	0.84	1.75
18	Gendhis	3	15	35.71	0.04	0.32	0.53	0.11	0.23
19	Davin	3	20	35.71	0.04	0.24	0.40	0.08	0.17
20	Crisalin	3	15	35.71	0.04	0.32	0.53	0.11	0.23
21	Acelin	3	15	71.43	0.07	0.64	1.05	0.22	0.47
22	Arka	3	18.5	750.00	0.75	5.44	8.97	1.90	3.97
23	Kimberly	3	11	17.86	0.02	0.22	0.36	0.08	0.16
24	Alesa	3	12	17.86	0.02	0.20	0.33	0.07	0.15
25	Gita	3	18	750.00	0.75	5.59	9.22	1.95	4.08
26	Gabriele	3	15	71.43	0.07	0.64	1.05	0.22	0.47
27	Leonata	3	13	125.00	0.13	1.29	2.13	0.45	0.94
28	Gichela	3	15	35.71	0.04	0.32	0.53	0.11	0.23
29	Aira	3	16	35.71	0.04	0.30	0.49	0.10	0.22
30	Cleva	3	13	35.71	0.04	0.37	0.61	0.13	0.27
31	Hafeesa	3	18	71.43	0.07	0.53	0.88	0.19	0.39
32	Arfan	3	13	35.71	0.04	0.37	0.61	0.13	0.27
33	Ayra	3	14	375.00	0.38	3.59	5.93	1.26	2.62
34	Ai	3	13	125.00	0.13	1.29	2.13	0.45	0.94
35	Kenzo	3	12	71.43	0.07	0.80	1.32	0.28	0.58
36	Joshua	4	20	125.00	0.13	0.84	1.38	0.29	0.61
37	Miracle	4	16	250.00	0.25	2.10	3.46	0.73	1.53
38	Mathew	4	15	53.57	0.05	0.48	0.79	0.17	0.35

39	James	4	17	125.00	0.13	0.99	1.63	0.34	0.72
40	Yosi	4	13	250.00	0.25	2.58	4.25	0.90	1.88
41	Elyas	4	16.5	750.00	0.75	6.09	10.06	2.13	4.45
42	Nathan	4	17.5	500.00	0.50	3.83	6.32	1.34	2.79
43	Joyselin	4	14	53.57	0.05	0.51	0.85	0.18	0.37
44	Amari	4	18	375.00	0.38	2.79	4.61	0.98	2.04
45	Mikail	4	15	125.00	0.13	1.12	1.84	0.39	0.82
46	Alika	4	22	125.00	0.13	0.76	1.26	0.27	0.56
47	Dave	4	25	250.00	0.25	1.34	2.21	0.47	0.98
48	Steven	4	16	35.71	0.04	0.30	0.49	0.10	0.22
49	Tyago	4	18	375.00	0.38	2.79	4.61	0.98	2.04
50	Trisa	4	16	35.71	0.04	0.30	0.49	0.10	0.22
51	Orick	4	17.5	125.00	0.13	0.96	1.58	0.34	0.70
52	Glenn	4	15	125.00	0.13	1.12	1.84	0.39	0.82
53	Keiva	4	14	250.00	0.25	2.39	3.95	0.84	1.75
54	Nael	4	22	71.43	0.07	0.44	0.72	0.15	0.32
55	Alkhalifi	4	17	17.86	0.02	0.14	0.23	0.05	0.10
56	Leroy	4	20	35.71	0.04	0.24	0.40	0.08	0.17
57	Megan	4	15	53.57	0.05	0.48	0.79	0.17	0.35
58	Sean	4	17	500.00	0.50	3.94	6.51	1.38	2.88
59	Maulana	4	17	71.43	0.07	0.56	0.93	0.20	0.41
60	Celita	4	15	375.00	0.38	3.35	5.53	1.17	2.45
61	Asyraf	4	15	71.43	0.07	0.64	1.05	0.22	0.47
62	Zeke	4	15	250.00	0.25	2.23	3.69	0.78	1.63
63	Key	4	14	107.14	0.11	1.03	1.69	0.36	0.75
64	Cheril	4	15	250.00	0.25	2.23	3.69	0.78	1.63
65	Owen	4	18	250.00	0.25	1.86	3.07	0.65	1.36
66	Oliver	4	16	750.00	0.75	6.29	10.37	2.20	4.59
67	Elvina	4	15	375.00	0.38	3.35	5.53	1.17	2.45
68	Jose	4	25	750.00	0.75	4.02	6.64	1.41	2.93
69	Sharon	4	21	125.00	0.13	0.80	1.32	0.28	0.58
70	Katelyn	4	16	250.00	0.25	2.10	3.46	0.73	1.53
71	Jose	4	18	17.86	0.02	0.13	0.22	0.05	0.10
72	Joshua	4	17	17.86	0.02	0.14	0.23	0.05	0.10
73	Javyn Craig Lie	4	15	250.00	0.25	2.23	3.69	0.78	1.63
74	Filbert	4	13	17.86	0.02	0.18	0.30	0.06	0.13
75	Timoty	4	17	53.57	0.05	0.42	0.70	0.15	0.31
76	Aryo	5	29.5	375.00	0.38	1.70	2.81	0.60	1.24
77	Clifton	5	14	750.00	0.75	7.18	11.85	2.51	5.24
78	Bryan	5	17	17.86	0.02	0.14	0.23	0.05	0.10
79	Kayla	5	18	250.00	0.25	1.86	3.07	0.65	1.36
80	Petra	5	20	35.71	0.04	0.24	0.40	0.08	0.17

81	Yohanes	5	22	17.86	0.02	0.11	0.18	0.04	0.08
82	Eleanor	5	20	53.57	0.05	0.36	0.59	0.13	0.26
83	Victoria	5	18	125.00	0.13	0.93	1.54	0.33	0.68
84	Deborah	5	20	71.43	0.07	0.48	0.79	0.17	0.35
85	Dominic	5	18	750.00	0.75	5.59	9.22	1.95	4.08
86	Kirana	5	16	375.00	0.38	3.14	5.19	1.10	2.29
87	Astrid	5	19	142.86	0.14	1.01	1.66	0.35	0.74
88	Kinanti	5	19	750.00	0.75	5.29	8.73	1.85	3.86
89	Edrik	5	20	107.14	0.11	0.72	1.19	0.25	0.52
90	Al	5	35	125.00	0.13	0.48	0.79	0.17	0.35
91	Wisnu	5	19	375.00	0.38	2.65	4.37	0.93	1.93
92	Darlene	5	25	17.86	0.02	0.10	0.16	0.03	0.07
93	Vino	5	20	250.00	0.25	1.68	2.77	0.59	1.22
94	Emiy	5	17	125.00	0.13	0.99	1.63	0.34	0.72
95	Batsnah	5	21	750.00	0.75	4.79	7.90	1.68	3.49
96	Sean	5	16	53.57	0.05	0.45	0.74	0.16	0.33
97	Aaron	5	20	250.00	0.25	1.68	2.77	0.59	1.22
98	Meme	5	28	71.43	0.07	0.34	0.56	0.12	0.25
99	Izam	5	15	500.00	0.50	4.47	7.38	1.56	3.26
100	Raisa	5	15	1000.00	1.00	8.94	14.75	3.13	6.52
101	Zevana	5	13	250.00	0.25	2.58	4.25	0.90	1.88
102	Harumi	5	16	17.86	0.02	0.15	0.25	0.05	0.11
103	Hanzel	5	17	35.71	0.04	0.28	0.46	0.10	0.21
104	Noel	5	18	500.00	0.50	3.72	6.15	1.30	2.72
105	Rachele	5	16	250.00	0.25	2.10	3.46	0.73	1.53
106	Joan	5	17	53.57	0.05	0.42	0.70	0.15	0.31
107	Shannon	5	19	125.00	0.13	0.88	1.46	0.31	0.64
108	Vika	5	19	125.00	0.13	0.88	1.46	0.31	0.64
109	Cheryl	5	18	17.86	0.02	0.13	0.22	0.05	0.10
110	Jihan	6	19	35.71	0.04	0.25	0.42	0.09	0.18
111	Lyvia	6	22.5	250.00	0.25	1.49	2.46	0.52	1.09
112	Ken ken	6	25	250.00	0.25	1.34	2.21	0.47	0.98
113	Kaira	6	23	71.43	0.07	0.42	0.69	0.15	0.30
114	Rajendra	6	24	17.86	0.02	0.10	0.16	0.03	0.07
115	Kayla Yesania	6	21	17.86	0.02	0.11	0.19	0.04	0.08
116	Erastus	6	25	17.86	0.02	0.10	0.16	0.03	0.07
117	Joycelyn	6	20	500.00	0.50	3.35	5.53	1.17	2.45
118	Acrelio	6	25	250.00	0.25	1.34	2.21	0.47	0.98
119	Nicole	6	25	71.43	0.07	0.38	0.63	0.13	0.28
120	Naisila	6	17	125.00	0.13	0.99	1.63	0.34	0.72
121	Elaine	6	20	17.86	0.02	0.12	0.20	0.04	0.09
122	Ethan	6	21	750.00	0.75	4.79	7.90	1.68	3.49

123	Kevin	6	22	125.00	0.13	0.76	1.26	0.27	0.56
124	Bezaleel	6	22	71.43	0.07	0.44	0.72	0.15	0.32
125	Jeane	6	38	35.71	0.04	0.13	0.21	0.04	0.09
126	Kenzo	6	23	500.00	0.50	2.91	4.81	1.02	2.13
127	Naveen	6	25	35.71	0.04	0.19	0.32	0.07	0.14
128	Qweena	6	31	35.71	0.04	0.15	0.25	0.05	0.11
129	Jaden Claysen Lie	6	24	250.00	0.25	1.40	2.30	0.49	1.02
130	carletta manuella	6	20	35.71	0.04	0.24	0.40	0.08	0.17
131	Yesha	6	26	125.00	0.13	0.64	1.06	0.23	0.47
132	Russel	7	36.5	250.00	0.25	0.92	1.52	0.32	0.67
133	Adam	7	20	17.86	0.02	0.12	0.20	0.04	0.09
134	Clein	7	27	250.00	0.25	1.24	2.05	0.43	0.91
135	Agnes	7	26	250.00	0.25	1.29	2.13	0.45	0.94
136	Derren	7	30	107.14	0.11	0.48	0.79	0.17	0.35
137	Atha	7	30	750.00	0.75	3.35	5.53	1.17	2.45
138	Aiko	7	31	125.00	0.13	0.54	0.89	0.19	0.39
139	Olivia Hardien	7	25	125.00	0.13	0.67	1.11	0.23	0.49
140	Natanael	7	25	250.00	0.25	1.34	2.21	0.47	0.98
141	Delano	7	25	375.00	0.38	2.01	3.32	0.70	1.47
142	Charisa	7	17	17.86	0.02	0.14	0.23	0.05	0.10
143	Jovandra	7	25	53.57	0.05	0.29	0.47	0.10	0.21
144	Felicia	7	25	17.86	0.02	0.10	0.16	0.03	0.07
145	Lika	7	18	53.57	0.05	0.40	0.66	0.14	0.29
146	Yaya	8	20	35.71	0.04	0.24	0.40	0.08	0.17
147	Eunike	8	22	17.86	0.02	0.11	0.18	0.04	0.08
148	Chevy	8	25	71.43	0.07	0.38	0.63	0.13	0.28
149	Regina	8	40	250.00	0.25	0.84	1.38	0.29	0.61
150	Selomita	8	43	17.86	0.02	0.06	0.09	0.02	0.04
151	Raihan	8	27	35.71	0.04	0.18	0.29	0.06	0.13
152	Celine	8	26	500.00	0.50	2.58	4.25	0.90	1.88
153	Zinan	8	28	35.71	0.04	0.17	0.28	0.06	0.12
154	Idzni	8	25	35.71	0.04	0.19	0.32	0.07	0.14
155	Aerylin	8	25	17.86	0.02	0.10	0.16	0.03	0.07
156	Davina	8	29	750.00	0.75	3.47	5.72	1.21	2.53
157	Najwa	8	30	500.00	0.50	2.23	3.69	0.78	1.63
158	Richele	8	32	35.71	0.04	0.15	0.25	0.05	0.11
159	Yona	8	45	35.71	0.04	0.11	0.18	0.04	0.08
160	Lila	8	23	53.57	0.05	0.31	0.52	0.11	0.23
161	Alvaro	9	28	250.00	0.25	1.20	1.98	0.42	0.87
162	Sean	9	38	500.00	0.50	1.76	2.91	0.62	1.29
163	Stevan	9	35	35.71	0.04	0.14	0.23	0.05	0.10
164	Gizele	9	32	35.71	0.04	0.15	0.25	0.05	0.11

165	Jeco	9	49	750.00	0.75	2.05	3.39	0.72	1.50
166	Hani	9	26	125.00	0.13	0.64	1.06	0.23	0.47
167	Joveline Alicia	9	22	250.00	0.25	1.52	2.51	0.53	1.11
168	Olivia	10	40	35.71	0.04	0.12	0.20	0.04	0.09
169	Claurensia	10	39	250.00	0.25	0.86	1.42	0.30	0.63
170	Clairine	10	36	250.00	0.25	0.93	1.54	0.33	0.68
171	Izma	10	30	35.71	0.04	0.16	0.26	0.06	0.12
172	Natasya	10	38	250.00	0.25	0.88	1.46	0.31	0.64
173	Jason	10	35	250.00	0.25	0.96	1.58	0.34	0.70
174	Valencia	10	30	17.86	0.02	0.08	0.13	0.03	0.06
175	Gerald Jefferson	10	54	500.00	0.50	1.24	2.05	0.43	0.91
176	Adrian	11	35	125.00	0.13	0.48	0.79	0.17	0.35
177	Bryan	11	30	35.71	0.04	0.16	0.26	0.06	0.12
178	Kezia	11	43	250.00	0.25	0.78	1.29	0.27	0.57
179	Valensia	11	25	125.00	0.13	0.67	1.11	0.23	0.49
180	Rian	11	35	107.14	0.11	0.41	0.68	0.14	0.30
181	Joanita	11	28	35.71	0.04	0.17	0.28	0.06	0.12
182	Vivien	11	59	107.14	0.11	0.24	0.40	0.09	0.18
183	Rasiq	11	62	375.00	0.38	0.81	1.34	0.28	0.59
184	Zelosa	11	48	71.43	0.07	0.20	0.33	0.07	0.15
185	Bica	11	28	500.00	0.50	2.39	3.95	0.84	1.75
186	Joel	12	45	25.00	0.03	0.07	0.12	0.03	0.05
187	Gerald	12	35	35.71	0.04	0.14	0.23	0.05	0.10
188	Giselle	12	39	17.86	0.02	0.06	0.10	0.02	0.04
189	Ertrela	12	40	250.00	0.25	0.84	1.38	0.29	0.61
	Rata-rata			200.25		1.39	2.29	0.49	1.01
	Standard deviasi			215.93		1.64	2.71	0.57	1.20
	minimal			17.86		0.06	0.09	0.02	0.04
	maksimal			1000.00		8.94	14.75	3.13	6.52

Statistics

EDI		
N	Valid	189
	Missing	0
Mean		1.3879
Median		.7600
Std. Deviation		1.64191
Minimum		.06
Maximum		8.94

Perkiraan paparan harian AFM1 pada susu *UHT* menurut kelompok umur

```
*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (EDI) GROUP (agegroup)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05 CILEVEL=95.
```

Nonparametric Tests

[DataSet1] C:\Users\SRIAMAN\Documents\IDA\KULIAH\Untitled2.sav

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Kruskal-Wallis Test	.003	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI kelompok umur 1-3 tahun dan 4-6 tahun : tidak berbeda nyata

```
NEW FILE.
DATASET NAME DataSet2 WINDOW=FRONT.
EXECUTE.
*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (EDI) GROUP (agegroup)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05 CILEVEL=95.
```

Nonparametric Tests

[DataSet2]

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.722	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI kelompok umur 4-6 tahun dan 7-9 tahun : berbeda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (EDI) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.015	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI kelompok umur 7-9 tahun dan 10-12 tahun : tidak berbeda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (EDI) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.451	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI kelompok umur 1-3 tahun dan 7-9 tahun : berbeda nyata

```
*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (EDI) GROUP (agegroup)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05 CILEVEL=95.
```

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.015	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI kelompok umur 1-3 tahun dan 10-12 tahun : berbeda nyata

```
*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (EDI) GROUP (agegroup)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05 CILEVEL=95.
```

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.006	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI kelompok umur 4-6 tahun dan 10-12 tahun : berbeda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (EDI) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.004	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.



7.11. Perhitungan EDI AFM1 menurut rasa susu *UHT* pada kelompok umur

Susu *UHT* rasa coklat antara kelompok umur

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (EDI) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of EDI is the same across categories of agegroup.	Independent-Samples Kruskal-Wallis Test	.003	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu coklat pada kelompok umur 1-3 tahun dan 4-6 tahun : tidak beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edichoco) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

[DataSet6]

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edichoco is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.725	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu coklat pada kelompok umur 4-6 tahun dan 7-9 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edicoco) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edicoco is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.015	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu coklat pada kelompok umur 7-9 tahun dan 10-12 tahun : tidak beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edicoco) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edicoco is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.456	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu coklat pada kelompok umur 1-3 tahun dan 7-9 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edicoco) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edicoco is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.015	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu coklat pada kelompok umur 1-3 tahun dan 10-12 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edicoco) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edicoco is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.006	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu coklat pada kelompok umur 4-6 tahun dan 10-12 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edicoco) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edicoco is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.004	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

Susu UHT rasa stroberi antara kelompok umur

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

[DataSet5] C:\Users\SRIAMAN\Documents\IDA\KULIAH\EDI.sav

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegroup.	Independent-Samples Kruskal-Wallis Test	.003	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu stroberi pada kelompok umur 1-3 tahun dan 4-6 tahun : tidak beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

[DataSet6]

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.710	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu stroberi pada kelompok umur 4-6 tahun dan 7-9 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.002	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu stroberi pada kelompok umur 7-9 tahun dan 10-12 tahun : tidak beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.485	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu stroberi pada kelompok umur 1-3 tahun dan 7-9 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.016	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu stroberi pada kelompok umur 1-3 tahun dan 10-12 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegrup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.006	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu stroberi pada kelompok umur 4-6 tahun dan 10-12 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (edistrawberry) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of edistrawberry is the same across categories of agegrup.	Independent-Samples Mann-Whitney U Test	.004	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

Susu UHT tanpa rasa antara kelompok umur

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Kruskal-Wallis Test	.003	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu UHT tanpa rasa pada kelompok umur 1-3 tahun dan 4-6 tahun : tidak beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.722	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu UHT tanpa rasa pada kelompok umur 4-6 tahun dan 7-9 : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.015	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu UHT tanpa rasa pada kelompok umur 7-9 tahun dan 10-12 tahun : tidak beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.466	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu UHT tanpa rasa pada kelompok umur 1-3 tahun dan 7-9 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.015	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu UHT tanpa rasa pada kelompok umur 1-3 tahun dan 10-12 tahun : beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.006	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

EDI AFM1 susu UHT tanpa rasa pada kelompok umur 4-6 tahun dan 10-12 tahun :
ada beda nyata

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST (ediplain) GROUP (agegroup)

/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE

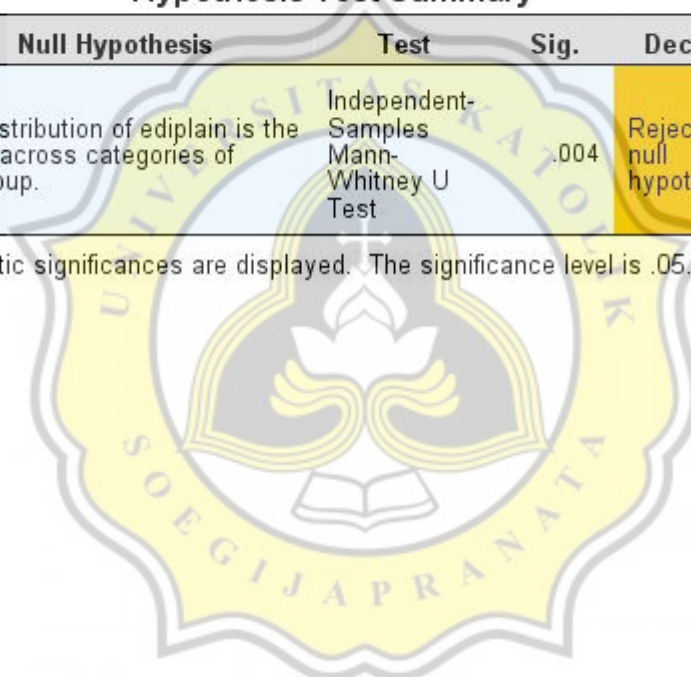
/CRITERIA ALPHA=0.05 CILEVEL=95.

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ediplain is the same across categories of agegroup.	Independent-Samples Mann-Whitney U Test	.004	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.



7.12. Perhitungan Maximum Daily Tolerable Intake

	Nama	umur	Berat badan	Konsumsi harian	EDI	ADI 0.11		ADI 0.25		ADI 2.5	
						HQ	MDTC	HQ	MDTC	HQ	MDTC
		(tahun)	(kg)	L/day							
1	Jethro	2	13.0	0.11	1.11	10.05	10.67	4.42	24.24	0.44	242.39
2	Owen	2	15.0	0.04	0.32	2.90	12.31	1.28	27.97	0.13	279.68
3	Giovano	2	15.0	0.13	1.12	10.16	12.31	4.47	27.97	0.45	279.68
4	Vanessa	2	10.0	0.07	0.96	8.71	8.20	3.83	18.65	0.38	186.46
5	Najib	2	10.0	0.25	3.35	30.47	8.20	13.41	18.65	1.34	186.46
6	Kriswangsa	2	17.0	0.13	0.99	8.96	13.95	3.94	31.70	0.39	316.97
7	Onik	2	14.0	0.75	7.18	65.30	11.49	28.73	26.10	2.87	261.04
8	Lintang	2	10.0	0.38	5.03	45.71	8.20	20.11	18.65	2.01	186.46
9	Fayla	2	12.0	0.38	4.19	38.09	9.84	16.76	22.37	1.68	223.75
10	Ayu	2	6.0	0.02	0.40	3.63	4.92	1.60	11.19	0.16	111.87
11	Nasywa	2	11.0	0.02	0.22	1.98	9.02	0.87	20.51	0.09	205.10
12	Kanza	2	11.0	0.38	4.57	41.55	9.02	18.28	20.51	1.83	205.10
13	Inara	2	15.0	0.25	2.23	20.32	12.31	8.94	27.97	0.89	279.68
14	Kenard	3	13.0	0.05	0.55	5.02	10.67	2.21	24.24	0.22	242.39
15	Kala	3	13.0	0.07	0.74	6.70	10.67	2.95	24.24	0.29	242.39
16	Kenzo	3	12.0	0.38	4.19	38.09	9.84	16.76	22.37	1.68	223.75
17	Zizi	3	14.0	0.25	2.39	21.77	11.49	9.58	26.10	0.96	261.04
18	Gendhis	3	15.0	0.04	0.32	2.90	12.31	1.28	27.97	0.13	279.68
19	Davin	3	20.0	0.04	0.24	2.18	16.41	0.96	37.29	0.10	372.91
20	Crisalin	3	15.0	0.04	0.32	2.90	12.31	1.28	27.97	0.13	279.68
21	Acelin	3	15.0	0.07	0.64	5.80	12.31	2.55	27.97	0.26	279.68
22	Arka	3	18.5	0.75	5.44	49.42	15.18	21.74	34.49	2.17	344.94
23	Kimberly	3	11.0	0.02	0.22	1.98	9.02	0.87	20.51	0.09	205.10
24	Alesa	3	12.0	0.02	0.20	1.81	9.84	0.80	22.37	0.08	223.75
25	Gita	3	18.0	0.75	5.59	50.79	14.77	22.35	33.56	2.23	335.62
26	Gabriele	3	15.0	0.07	0.64	5.80	12.31	2.55	27.97	0.26	279.68
27	Leonata	3	13.0	0.13	1.29	11.72	10.67	5.16	24.24	0.52	242.39
28	Gichela	3	15.0	0.04	0.32	2.90	12.31	1.28	27.97	0.13	279.68
29	Aira	3	16.0	0.04	0.30	2.72	13.13	1.20	29.83	0.12	298.33
30	Cleva	3	13.0	0.04	0.37	3.35	10.67	1.47	24.24	0.15	242.39
31	Hafeesa	3	18.0	0.07	0.53	4.84	14.77	2.13	33.56	0.21	335.62
32	Arfan	3	13.0	0.04	0.37	3.35	10.67	1.47	24.24	0.15	242.39
33	Ayra	3	14.0	0.38	3.59	32.65	11.49	14.37	26.10	1.44	261.04
34	Ai	3	13.0	0.13	1.29	11.72	10.67	5.16	24.24	0.52	242.39
35	Kenzo	3	12.0	0.07	0.80	7.26	9.84	3.19	22.37	0.32	223.75
36	Joshua	4	20.0	0.13	0.84	7.62	16.41	3.35	37.29	0.34	372.91
37	Miracle	4	16.0	0.25	2.10	19.05	13.13	8.38	29.83	0.84	298.33

38	Mathew	4	15.0	0.05	0.48	4.35	12.31	1.92	27.97	0.19	279.68
39	James	4	17.0	0.13	0.99	8.96	13.95	3.94	31.70	0.39	316.97
40	Yosi	4	13.0	0.25	2.58	23.44	10.67	10.31	24.24	1.03	242.39
41	Elyas	4	16.5	0.75	6.09	55.40	13.54	24.38	30.77	2.44	307.65
42	Nathan	4	17.5	0.50	3.83	34.83	14.36	15.32	32.63	1.53	326.30
43	Joyselin	4	14.0	0.05	0.51	4.66	11.49	2.05	26.10	0.21	261.04
44	Amari	4	18.0	0.38	2.79	25.39	14.77	11.17	33.56	1.12	335.62
45	Mikail	4	15.0	0.13	1.12	10.16	12.31	4.47	27.97	0.45	279.68
46	Alika	4	22.0	0.13	0.76	6.93	18.05	3.05	41.02	0.30	410.20
47	Dave	4	25.0	0.25	1.34	12.19	20.51	5.36	46.61	0.54	466.14
48	Steven	4	16.0	0.04	0.30	2.72	13.13	1.20	29.83	0.12	298.33
49	Tyago	4	18.0	0.38	2.79	25.39	14.77	11.17	33.56	1.12	335.62
50	Trisa	4	16.0	0.04	0.30	2.72	13.13	1.20	29.83	0.12	298.33
51	Orick	4	17.5	0.13	0.96	8.71	14.36	3.83	32.63	0.38	326.30
52	Glenn	4	15.0	0.13	1.12	10.16	12.31	4.47	27.97	0.45	279.68
53	Keiva	4	14.0	0.25	2.39	21.77	11.49	9.58	26.10	0.96	261.04
54	Nael	4	22.0	0.07	0.44	3.96	18.05	1.74	41.02	0.17	410.20
55	Alkhalifi	4	17.0	0.02	0.14	1.28	13.95	0.56	31.70	0.06	316.97
56	Leroy	4	20.0	0.04	0.24	2.18	16.41	0.96	37.29	0.10	372.91
57	Megan	4	15.0	0.05	0.48	4.35	12.31	1.92	27.97	0.19	279.68
58	Sean	4	17.0	0.50	3.94	35.85	13.95	15.77	31.70	1.58	316.97
59	Maulana	4	17.0	0.07	0.56	5.12	13.95	2.25	31.70	0.23	316.97
60	Celita	4	15.0	0.38	3.35	30.47	12.31	13.41	27.97	1.34	279.68
61	Asyraf	4	15.0	0.07	0.64	5.80	12.31	2.55	27.97	0.26	279.68
62	Zeke	4	15.0	0.25	2.23	20.32	12.31	8.94	27.97	0.89	279.68
63	Key	4	14.0	0.11	1.03	9.33	11.49	4.10	26.10	0.41	261.04
64	Cheril	4	15.0	0.25	2.23	20.32	12.31	8.94	27.97	0.89	279.68
65	Owen	4	18.0	0.25	1.86	16.93	14.77	7.45	33.56	0.74	335.62
66	Oliver	4	16.0	0.75	6.29	57.14	13.13	25.14	29.83	2.51	298.33
67	Elvina	4	15.0	0.38	3.35	30.47	12.31	13.41	27.97	1.34	279.68
68	Jose	4	25.0	0.75	4.02	36.57	20.51	16.09	46.61	1.61	466.14
69	Sharon	4	21.0	0.13	0.80	7.26	17.23	3.19	39.16	0.32	391.56
70	Katelyn	4	16.0	0.25	2.10	19.05	13.13	8.38	29.83	0.84	298.33
71	Jose	4	18.0	0.02	0.13	1.21	14.77	0.53	33.56	0.05	335.62
72	Joshua	4	17.0	0.02	0.14	1.28	13.95	0.56	31.70	0.06	316.97
73	Javyn Craig	4	15.0	0.25	2.23	20.32	12.31	8.94	27.97	0.89	279.68
74	Filbert	4	13.0	0.02	0.18	1.67	10.67	0.74	24.24	0.07	242.39
75	Timoty	4	17.0	0.05	0.42	3.84	13.95	1.69	31.70	0.17	316.97
76	Aryo	5	29.5	0.38	1.70	15.49	24.20	6.82	55.00	0.68	550.04
77	Clifton	5	14.0	0.75	7.18	65.30	11.49	28.73	26.10	2.87	261.04
78	Bryan	5	17.0	0.02	0.14	1.28	13.95	0.56	31.70	0.06	316.97
79	Kayla	5	18.0	0.25	1.86	16.93	14.77	7.45	33.56	0.74	335.62

80	Petra	5	20.0	0.04	0.24	2.18	16.41	0.96	37.29	0.10	372.91
81	Yohanes	5	22.0	0.02	0.11	0.99	18.05	0.44	41.02	0.04	410.20
82	Eleanor	5	20.0	0.05	0.36	3.26	16.41	1.44	37.29	0.14	372.91
83	Victoria	5	18.0	0.13	0.93	8.46	14.77	3.72	33.56	0.37	335.62
84	Deborah	5	20.0	0.07	0.48	4.35	16.41	1.92	37.29	0.19	372.91
85	Dominic	5	18.0	0.75	5.59	50.79	14.77	22.35	33.56	2.23	335.62
86	Kirana	5	16.0	0.38	3.14	28.57	13.13	12.57	29.83	1.26	298.33
87	Astrid	5	19.0	0.14	1.01	9.16	15.59	4.03	35.43	0.40	354.27
88	Kinanti	5	19.0	0.75	5.29	48.11	15.59	21.17	35.43	2.12	354.27
89	Edrik	5	20.0	0.11	0.72	6.53	16.41	2.87	37.29	0.29	372.91
90	Al	5	35.0	0.13	0.48	4.35	28.71	1.92	65.26	0.19	652.60
91	Wisnu	5	19.0	0.38	2.65	24.06	15.59	10.59	35.43	1.06	354.27
92	Darlene	5	25.0	0.02	0.10	0.87	20.51	0.38	46.61	0.04	466.14
93	Vino	5	20.0	0.25	1.68	15.24	16.41	6.70	37.29	0.67	372.91
94	Emiy	5	17.0	0.13	0.99	8.96	13.95	3.94	31.70	0.39	316.97
95	Batsnah	5	21.0	0.75	4.79	43.53	17.23	19.15	39.16	1.92	391.56
96	Sean	5	16.0	0.05	0.45	4.08	13.13	1.80	29.83	0.18	298.33
97	Aaron	5	20.0	0.25	1.68	15.24	16.41	6.70	37.29	0.67	372.91
98	Meme	5	28.0	0.07	0.34	3.11	22.97	1.37	52.21	0.14	522.08
99	Izam	5	15.0	0.50	4.47	40.63	12.31	17.88	27.97	1.79	279.68
100	Raisa	5	15.0	1.00	8.94	81.26	12.31	35.75	27.97	3.58	279.68
101	Zevana	5	13.0	0.25	2.58	23.44	10.67	10.31	24.24	1.03	242.39
102	Harumi	5	16.0	0.02	0.15	1.36	13.13	0.60	29.83	0.06	298.33
103	Hanzel	5	17.0	0.04	0.28	2.56	13.95	1.13	31.70	0.11	316.97
104	Noel	5	18.0	0.50	3.72	33.86	14.77	14.90	33.56	1.49	335.62
105	Rachele	5	16.0	0.25	2.10	19.05	13.13	8.38	29.83	0.84	298.33
106	Joan	5	17.0	0.05	0.42	3.84	13.95	1.69	31.70	0.17	316.97
107	Shannon	5	19.0	0.13	0.88	8.02	15.59	3.53	35.43	0.35	354.27
108	Vika	5	19.0	0.13	0.88	8.02	15.59	3.53	35.43	0.35	354.27
109	Cheryl	5	18.0	0.02	0.13	1.21	14.77	0.53	33.56	0.05	335.62
110	Jihan	6	19.0	0.04	0.25	2.29	15.59	1.01	35.43	0.10	354.27
111	Lyvia	6	22.5	0.25	1.49	13.54	18.46	5.96	41.95	0.60	419.53
112	Ken ken	6	25.0	0.25	1.34	12.19	20.51	5.36	46.61	0.54	466.14
113	Kaira	6	23.0	0.07	0.42	3.79	18.87	1.67	42.88	0.17	428.85
114	Rajendra	6	24.0	0.02	0.10	0.91	19.69	0.40	44.75	0.04	447.49
115	Kayla Yesania	6	21.0	0.02	0.11	1.04	17.23	0.46	39.16	0.05	391.56
116	Erastus	6	25.0	0.02	0.10	0.87	20.51	0.38	46.61	0.04	466.14
117	Joycelyn	6	20.0	0.50	3.35	30.47	16.41	13.41	37.29	1.34	372.91
118	Acrelio	6	25.0	0.25	1.34	12.19	20.51	5.36	46.61	0.54	466.14
119	Nicole	6	25.0	0.07	0.38	3.48	20.51	1.53	46.61	0.15	466.14
120	Naisila	6	17.0	0.13	0.99	8.96	13.95	3.94	31.70	0.39	316.97
121	Elaine	6	20.0	0.02	0.12	1.09	16.41	0.48	37.29	0.05	372.91

122	Ethan	6	21.0	0.75	4.79	43.53	17.23	19.15	39.16	1.92	391.56
123	Kevin	6	22.0	0.13	0.76	6.93	18.05	3.05	41.02	0.30	410.20
124	Bezaleel	6	22.0	0.07	0.44	3.96	18.05	1.74	41.02	0.17	410.20
125	Jeane	6	38.0	0.04	0.13	1.15	31.18	0.50	70.85	0.05	708.53
126	Kenzo	6	23.0	0.50	2.91	26.50	18.87	11.66	42.88	1.17	428.85
127	Naveen	6	25.0	0.04	0.19	1.74	20.51	0.77	46.61	0.08	466.14
128	Qweena	6	31.0	0.04	0.15	1.40	25.43	0.62	57.80	0.06	578.01
129	Jaden Claysen	6	24.0	0.25	1.40	12.70	19.69	5.59	44.75	0.56	447.49
130	carletta	6	20.0	0.04	0.24	2.18	16.41	0.96	37.29	0.10	372.91
131	Yesha	6	26.0	0.13	0.64	5.86	21.33	2.58	48.48	0.26	484.79
132	Russel	7	36.5	0.25	0.92	8.35	29.94	3.67	68.06	0.37	680.56
133	Adam	7	20.0	0.02	0.12	1.09	16.41	0.48	37.29	0.05	372.91
134	Clein	7	27.0	0.25	1.24	11.29	22.15	4.97	50.34	0.50	503.43
135	Agnes	7	26.0	0.25	1.29	11.72	21.33	5.16	48.48	0.52	484.79
136	Derren	7	30.0	0.11	0.48	4.35	24.61	1.92	55.94	0.19	559.37
137	Atha	7	30.0	0.75	3.35	30.47	24.61	13.41	55.94	1.34	559.37
138	Aiko	7	31.0	0.13	0.54	4.91	25.43	2.16	57.80	0.22	578.01
139	Olivia Hardien	7	25.0	0.13	0.67	6.09	20.51	2.68	46.61	0.27	466.14
140	Natanael	7	25.0	0.25	1.34	12.19	20.51	5.36	46.61	0.54	466.14
141	Delano	7	25.0	0.38	2.01	18.28	20.51	8.04	46.61	0.80	466.14
142	Charisa	7	17.0	0.02	0.14	1.28	13.95	0.56	31.70	0.06	316.97
143	Jovandra	7	25.0	0.05	0.29	2.61	20.51	1.15	46.61	0.11	466.14
144	Felicia	7	25.0	0.02	0.10	0.87	20.51	0.38	46.61	0.04	466.14
145	Lika	7	18.0	0.05	0.40	3.63	14.77	1.60	33.56	0.16	335.62
146	Yaya	8	20.0	0.04	0.24	2.18	16.41	0.96	37.29	0.10	372.91
147	Eunike	8	22.0	0.02	0.11	0.99	18.05	0.44	41.02	0.04	410.20
148	Chevy	8	25.0	0.07	0.38	3.48	20.51	1.53	46.61	0.15	466.14
149	Regina	8	40.0	0.25	0.84	7.62	32.82	3.35	74.58	0.34	745.82
150	Selomita	8	43.0	0.02	0.06	0.51	35.28	0.22	80.18	0.02	801.76
151	Raihan	8	27.0	0.04	0.18	1.61	22.15	0.71	50.34	0.07	503.43
152	Celine	8	26.0	0.50	2.58	23.44	21.33	10.31	48.48	1.03	484.79
153	Zinan	8	28.0	0.04	0.17	1.55	22.97	0.68	52.21	0.07	522.08
154	Idzni	8	25.0	0.04	0.19	1.74	20.51	0.77	46.61	0.08	466.14
155	Aerylin	8	25.0	0.02	0.10	0.87	20.51	0.38	46.61	0.04	466.14
156	Davina	8	29.0	0.75	3.47	31.52	23.79	13.87	54.07	1.39	540.72
157	Najwa	8	30.0	0.50	2.23	20.32	24.61	8.94	55.94	0.89	559.37
158	Richele	8	32.0	0.04	0.15	1.36	26.25	0.60	59.67	0.06	596.66
159	Yona	8	45.0	0.04	0.11	0.97	36.92	0.43	83.91	0.04	839.05
160	Lila	8	23.0	0.05	0.31	2.84	18.87	1.25	42.88	0.12	428.85
161	Alvaro	9	28.0	0.25	1.20	10.88	22.97	4.79	52.21	0.48	522.08
162	Sean	9	38.0	0.50	1.76	16.04	31.18	7.06	70.85	0.71	708.53
163	Stevan	9	35.0	0.04	0.14	1.24	28.71	0.55	65.26	0.05	652.60

164	Gizele	9	32.0	0.04	0.15	1.36	26.25	0.60	59.67	0.06	596.66
165	Jeco	9	49.0	0.75	2.05	18.66	40.20	8.21	91.36	0.82	913.63
166	Hani	9	26.0	0.13	0.64	5.86	21.33	2.58	48.48	0.26	484.79
167	Joveline Alicia	9	22.0	0.25	1.52	13.85	18.05	6.09	41.02	0.61	410.20
168	Olivia	10	40.0	0.04	0.12	1.09	32.82	0.48	74.58	0.05	745.82
169	Claurensia	10	39.0	0.25	0.86	7.81	32.00	3.44	72.72	0.34	727.18
170	Clairine	10	36.0	0.25	0.93	8.46	29.53	3.72	67.12	0.37	671.24
171	Izma	10	30.0	0.04	0.16	1.45	24.61	0.64	55.94	0.06	559.37
172	Natasya	10	38.0	0.25	0.88	8.02	31.18	3.53	70.85	0.35	708.53
173	Jason	10	35.0	0.25	0.96	8.71	28.71	3.83	65.26	0.38	652.60
174	Valencia	10	30.0	0.02	0.08	0.73	24.61	0.32	55.94	0.03	559.37
175	Gerald Jeff	10	54.0	0.50	1.24	11.29	44.30	4.97	100.69	0.50	1,006.86
176	Adrian	11	35.0	0.13	0.48	4.35	28.71	1.92	65.26	0.19	652.60
177	Bryan	11	30.0	0.04	0.16	1.45	24.61	0.64	55.94	0.06	559.37
178	Kezia	11	43.0	0.25	0.78	7.09	35.28	3.12	80.18	0.31	801.76
179	Valensia	11	25.0	0.13	0.67	6.09	20.51	2.68	46.61	0.27	466.14
180	Rian	11	35.0	0.11	0.41	3.73	28.71	1.64	65.26	0.16	652.60
181	Joanita	11	28.0	0.04	0.17	1.55	22.97	0.68	52.21	0.07	522.08
182	Vivien	11	59.0	0.11	0.24	2.21	48.40	0.97	110.01	0.10	1,100.09
183	Rasiq	11	62.0	0.38	0.81	7.37	50.87	3.24	115.60	0.32	1,156.03
184	Zelosa	11	48.0	0.07	0.20	1.81	39.38	0.80	89.50	0.08	894.99
185	Bica	11	28.0	0.50	2.39	21.77	22.97	9.58	52.21	0.96	522.08
186	Joel	12	45.0	0.03	0.07	0.68	36.92	0.30	83.91	0.03	839.05
187	Gerald	12	35.0	0.04	0.14	1.24	28.71	0.55	65.26	0.05	652.60
188	Giselle	12	39.0	0.02	0.06	0.56	32.00	0.25	72.72	0.02	727.18
189	Ertrela	12	40.0	0.25	0.84	7.62	32.82	3.35	74.58	0.34	745.82
	Rata-rata					12.62	18.29	5.55	41.57	0.56	415.68
	minimal					0.51	4.92	0.22	11.19	0.02	111.87
	maksimal					81.26	50.87	35.75	115.60	3.58	1,156.03
	Standar deviasi					14.93	7.83	6.57	17.80	0.66	177.99



6.56% PLAGIARISM
APPROXIMATELY

Report #10893692

PENDAHULUAN Latar Belakang Mikotoksin teridentifikasi setelah menyebabkan berbagai masalah kesehatan pada berbagai macam organ dan sistem tubuh hewan ternak dan manusia. Mikotoksin terdapat alami pada lingkungan yang ditumbuhi jamur dan merupakan kontaminan yang tidak diinginkan pada bahan makanan dan pakan ternak. Aflatoksin merupakan salah satu kelompok mikotoksin yang mengakibatkan keracunan akut dan kronis yang bersifat karsinogenik, teratogenik dan mutagenik serta menyebabkan karsinoma hepatoseluler (Galvano et al, 1996). Ada berbagai jenis Aflatoksin, Aflatoksin B1 dan G1 adalah yang paling banyak dijumpai. Aflatoksin B1 (AFB1) merupakan Aflatoksin yang paling berpotensi menyebabkan karsinoma hepatoseluler oleh karena itu paparan kronis jangka panjang Aflatoksin dalam konsentrasi rendah menjadi perhatian dalam kesehatan manusia (Prandini et al, 2009). AFB1 dalam pakan ternak dapat berpindah ke air susu sebagai metabolit hidroksilasi yaitu Aflatoksin M1 (AFM1). AFM1 memiliki toksisitas yang sama dengan AFB1, dapat meracuni sel hati manusia dalam pengamatan invitro dan menyebabkan keracunan akut pada berapa makhluk hidup. Pada hewan coba (anak itik dan tikus) AFM1 menunjukan toksisitas akut yang sama dengan AFB1 (Ellis et al, 1991; Prandini et al, 2009). Berdasarkan karakteristik toksikologis dan akibat