



LAMPIRAN

Data Pengamatan Konsentrasi 10%

ukuran partikel	ulangan	berat tabung kosong	berat tabung + sampel	berat tabung + sampel basah	berat sampel soluble	berat cawan kosong	berat cawan + sampel setelah oven	berat sampel insoluble	berat cawan + sampel setelah tannur	berat abu
80-40 mesh	1	5,567	15,819	9,734	6,085	18,196	18,961	0,765	18,253	0,057
	2	5,575	16,075	10,213	5,862	26,691	27,436	0,745	26,717	0,026
	3	5,629	16,994	9,983	7,011	18,837	19,581	0,744	18,862	0,025
	4	5,638	15,060	9,632	5,428	21,608	22,325	0,717	21,633	0,025
	5	5,627	16,640	9,802	6,838	21,097	21,822	0,725	21,123	0,026
rata-rata					6,245			0,739		0,032
std.dev					0,667			0,019		0,014
100-80 mesh	1	5,586	14,516	9,945	4,571	23,132	23,811	0,679	23,159	0,027
	2	5,656	13,599	8,663	4,936	20,345	20,950	0,605	20,372	0,027
	3	5,643	14,891	8,332	6,559	25,291	25,901	0,610	25,311	0,020
	4	5,593	13,778	8,270	5,508	22,380	22,991	0,611	22,400	0,020
	5	5,648	13,935	8,211	5,724	23,509	24,123	0,614	23,527	0,018
rata-rata					5,460			0,624		0,022
std.dev					0,766			0,031		0,004
>100 mesh	1	5,582	16,319	8,304	8,015	26,693	27,247	0,554	26,720	0,027
	2	5,664	17,135	8,596	8,539	22,380	22,914	0,534	22,402	0,022
	3	5,603	17,412	8,324	9,088	25,292	25,830	0,538	25,313	0,021
	4	5,578	16,321	8,208	8,113	21,098	21,602	0,504	21,120	0,022
	5	5,596	16,183	8,284	7,899	20,347	20,870	0,523	20,368	0,021
rata-rata					8,331			0,531		0,023
std.dev					0,487			0,019		0,003

Data Pengamatan Konsentrasi 15%

ukuran partikel	ulangan	berat tabung kosong	berat tabung + sampel	berat tabung + sampel basah	berat sampel soluble	berat cawan kosong	berat cawan + sampel setelah oven	berat sampel insoluble	berat cawan + sampel setelah tannur	berat abu
80-40 mesh	1	5,581	13,969	10,978	2,991	25,976	27,139	1,163	26,027	0,051
	2	5,545	15,681	11,822	3,859	26,653	27,846	1,193	26,707	0,054
	3	5,607	14,520	11,411	3,109	19,898	21,071	1,173	19,950	0,052
	4	5,570	14,541	11,106	3,435	19,896	21,045	1,149	19,945	0,049
	5	5,567	15,034	11,700	3,334	21,890	23,029	1,139	21,936	0,046
rata-rata					3,346			1,163		0,050
std.dev					0,337			0,021		0,003
100-80 mesh	1	5,632	14,622	9,298	5,324	26,159	27,027	0,868	26,191	0,032
	2	5,587	15,722	9,206	6,516	21,252	22,152	0,900	21,289	0,037
	3	5,681	15,615	9,156	6,459	22,972	23,875	0,903	23,007	0,035
	4	5,648	14,867	9,171	5,696	19,672	20,541	0,869	19,704	0,032
	5	5,610	13,469	9,050	4,419	24,826	25,697	0,871	24,862	0,036
rata-rata					5,683			0,882		0,034
std.dev					0,869			0,018		0,002
>100 mesh	1	5,581	15,564	9,340	6,224	23,509	24,246	0,737	23,546	0,037
	2	5,643	16,799	9,395	7,404	21,608	22,360	0,752	21,657	0,049
	3	5,615	15,954	9,121	6,833	18,838	19,658	0,820	18,873	0,035
	4	5,620	15,183	8,737	6,446	18,199	18,880	0,681	18,231	0,032
	5	5,682	16,791	9,152	7,639	23,133	24,284	1,151	23,168	0,035
rata-rata					6,909			0,828		0,038
std.dev					0,606			0,187		0,007

Data Pengamatan Konsentrasi 20%

ukuran partikel	ulangan	berat tabung kosong	berat tabung + sampel	berat tabung + sampel basah	berat sampel soluble	berat cawan kosong	berat cawan + sampel setelah oven	berat sampel insoluble	berat cawan + sampel setelah tannur	berat abu
80-40 mesh	1	5,798	15,100	12,069	3,031	21,599	23,147	1,548	21,683	0,084
	2	5,569	15,735	12,878	2,857	25,284	26,824	1,540	25,360	0,076
	3	5,606	15,873	13,061	2,812	20,340	21,878	1,538	20,419	0,079
	4	5,622	17,286	13,257	4,029	26,686	28,209	1,523	26,759	0,073
	5	5,699	16,841	12,836	4,005	21,094	22,616	1,522	21,164	0,070
rata-rata					3,347			1,534		0,076
std.dev					0,617			0,011		0,005
100-80 mesh	1	5,538	16,492	11,588	4,904	20,346	21,622	1,276	20,403	0,057
	2	5,602	18,476	12,466	6,010	21,251	22,504	1,253	21,303	0,052
	3	5,607	17,674	11,843	5,831	26,692	27,871	1,179	26,741	0,049
	4	5,592	17,858	11,858	6,000	21,609	22,921	1,312	21,664	0,055
	5	5,562	16,307	11,353	4,954	26,158	27,428	1,270	26,220	0,062
rata-rata					5,540			1,258		0,055
std.dev					0,562			0,049		0,005
>100 mesh	1	5,564	16,363	10,000	6,363	21,891	23,207	1,316	21,940	0,049
	2	5,598	15,966	10,640	5,326	21,098	22,289	1,191	21,157	0,059
	3	5,617	15,347	10,791	4,556	19,670	20,813	1,143	19,731	0,061
	4	5,575	15,590	9,932	5,658	18,838	20,030	1,192	18,903	0,065
	5	5,564	16,547	11,415	5,132	18,199	19,401	1,202	18,262	0,063
rata-rata					5,407			1,209		0,059
std.dev					0,668			0,064		0,006

Hasil AAS pada Konsentrasi 10%

ukuran partikel	ulangan	soluble			insoluble			total
		AAS	kadar Cd	koreksi	AAS	kadar Cd	koreksi	
80-40 mesh	1	3,900	23,732	19,869	7,900	60,435	51,336	71,205
	2	4,500	26,379	22,171	7,200	53,640	45,502	67,673
	3	4,000	28,044	23,497	7,100	52,824	44,800	68,297
	4	5,100	27,683	23,334	6,600	47,322	40,087	63,421
	5	3,900	26,668	22,328	7,000	50,750	43,032	65,360
rata-rata		4,280	26,501	22,240	7,160	52,994	44,951	67,191
std.dev		0,522	1,695	1,450	0,472	4,822	4,136	2,964
100-80 mesh	1	5,700	26,055	22,012	5,900	40,061	33,868	55,881
	2	6,100	30,110	25,471	6,400	38,720	32,783	58,253
	3	6,500	42,634	36,106	5,900	35,990	30,426	66,532
	4	6,100	33,599	28,422	6,100	37,271	31,529	59,951
	5	6,600	37,778	32,002	6,200	38,068	32,213	64,215
rata-rata		6,200	34,035	28,803	6,100	38,022	32,164	60,966
std.dev		0,361	6,466	5,498	0,212	1,528	1,295	4,353
>100 mesh	1	4,800	38,472	32,384	6,200	34,348	29,065	61,449
	2	5,900	50,380	42,592	5,400	28,836	24,336	66,928
	3	4,900	44,531	37,503	5,900	31,742	26,835	64,338
	4	5,300	42,999	36,274	5,500	27,720	23,403	59,677
	5	6,200	48,974	41,441	6,100	31,903	26,988	68,429
rata-rata		5,420	45,071	38,039	5,820	30,910	26,125	64,164
std.dev		0,614	4,784	4,113	0,356	2,645	2,264	3,652

Hasil AAS pada Konsentrasi 15%

ukuran partikel	ulangan	soluble			insoluble			total
		AAS	kadar Cd	koreksi	AAS	kadar Cd	koreksi	
80-40 mesh	1	3,300	9,870	8,221	7,900	91,877	78,044	86,265
	2	3,400	13,121	10,939	7,900	94,247	80,057	90,996
	3	3,700	11,503	9,616	7,200	84,456	71,643	81,259
	4	3,500	12,023	10,033	7,700	88,473	75,125	85,158
	5	3,300	11,002	9,163	7,100	80,869	68,585	77,749
rata-rata		3,440	11,504	9,594	7,560	87,984	74,691	84,285
std.dev		0,167	1,204	1,009	0,385	5,424	4,658	5,040
100-80 mesh	1	5,200	27,685	23,346	6,300	54,684	46,286	69,632
	2	4,900	31,928	26,889	6,600	59,400	50,318	77,207
	3	4,600	29,711	24,985	6,800	61,404	52,041	77,026
	4	4,500	25,632	21,543	6,500	56,485	47,836	69,379
	5	5,100	22,537	18,997	6,700	58,357	49,447	68,443
rata-rata		4,860	27,499	23,152	6,580	58,066	49,186	72,337
std.dev		0,305	3,628	3,050	0,192	2,595	2,221	4,385
>100 mesh	1	5,100	31,742	26,756	5,900	43,483	36,761	63,517
	2	5,200	38,501	32,467	6,000	45,120	38,157	70,624
	3	5,500	37,582	31,728	6,600	54,120	45,845	77,574
	4	4,600	29,652	24,935	5,800	39,498	33,381	58,316
	5	4,600	35,139	29,549	5,700	65,607	55,428	84,978
rata-rata		5,000	34,523	29,087	6,000	49,566	41,915	71,002
std.dev		0,394	3,776	3,213	0,354	10,443	8,826	10,672

Hasil AAS pada Konsentrasi 20%

ukuran partikel	ulangan	soluble			insoluble			total
		AAS	kadar Cd	koreksi	AAS	kadar Cd	koreksi	
80-40 mesh	1	1,900	5,759	4,676	7,100	109,908	93,213	97,889
	2	2,700	7,714	6,376	6,600	101,640	86,099	92,475
	3	2,900	8,155	6,760	7,300	112,274	95,261	102,021
	4	2,700	10,878	8,992	7,400	112,702	95,643	104,635
	5	2,600	10,413	8,593	7,200	109,584	92,959	101,552
rata-rata		2,560	8,584	7,079	7,120	109,222	92,635	99,714
std.dev		0,385	2,094	1,755	0,311	4,459	3,844	4,707
100-80 mesh	1	4,100	20,106	16,858	7,100	90,596	76,835	93,693
	2	3,200	19,232	16,001	6,600	82,698	70,054	86,054
	3	3,800	22,158	18,538	6,700	78,993	66,932	85,470
	4	3,600	21,600	18,041	6,700	87,904	74,482	92,524
	5	4,400	21,798	18,310	7,000	88,900	75,380	93,689
rata-rata		3,820	20,979	17,549	6,820	85,818	72,736	90,286
std.dev		0,460	1,251	1,081	0,217	4,822	4,115	4,162
>100 mesh	1	5,100	32,451	27,354	6,300	82,908	70,175	97,529
	2	5,000	26,630	22,437	6,900	82,179	69,665	92,102
	3	4,900	22,324	18,801	6,100	69,723	58,981	77,782
	4	4,100	23,198	19,450	6,200	73,904	62,536	81,986
	5	4,500	23,094	19,410	6,700	80,534	68,238	87,647
rata-rata		4,720	25,540	21,490	6,440	77,850	65,919	87,409
std.dev		0,415	4,206	3,571	0,344	5,769	4,927	7,851

Uji Normalitas Data (Kolmogorov-Smirnov)

Tests of Normality

	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Soluble	,094	45	,200(*)	,971	45	,319
Insoluble	,102	45	,200(*)	,944	45	,031

* This is a lower bound of the true significance.

a Lilliefors Significance Correction

Uji Post Hoc Duncan

Soluble

Duncan

Konsentrasi	N	Subset		
		1	2	3
20%	15	15,37313		
15%	15		20,61113	
10%	15			29,69373
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 9,656.

a Uses Harmonic Mean Sample Size = 15,000.

b Alpha = ,05.

Soluble

Duncan

Ukuran partikel	N	Subset		
		1	2	3
40 mesh	15	12,97120		
80 mesh	15		23,16807	
100 mesh	15			29,53873
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 9,656.

a Uses Harmonic Mean Sample Size = 15,000.

b Alpha = ,05.

Insoluble

Duncan

Konsentrasi	N	Subset		
		1	2	3
10%	15	34,41353		
15%	15		55,26360	
20%	15			77,09687
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 20,491.

a Uses Harmonic Mean Sample Size = 15,000.

b Alpha = ,05.

Insoluble

Duncan

Ukuran_partikel	N	Subset		
		1	2	3
100 mesh	15	44,65293		
80 mesh	15		51,36200	
40 mesh	15			70,75907
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 20,491.

a Uses Harmonic Mean Sample Size = 15,000.

b Alpha = ,05.