

LAMPIRAN

A. Pemeriksaan Organoleptis Bahan Aktif dan Bahan Tambahan

Nama Zat	Bentuk	Bau	Warna
Ondansentron HCl	Serbuk	Tidak Berbau	Putih
SSG	Serbuk	Tidak Berbau	Putih
Mg Stearate	Serbuk	Tidak Berbau	Putih
Aerosil	Serbuk	Tidak Berbau	Putih
Corn Starch	Serbuk	Tidak Berbau	Putih
Avicel PH 102	Serbuk	Tidak Berbau	Putih
PEG 400	Cairan	Tidak Berbau	Tidak Berwarna

B. Hasil Evaluasi Massa Cetak

B.1 Kadar Air

Pengujian	Formula 1	Formula 2	Formula 3	Formula 4
1	6,03	6,73	6,53	6,39
2	5,63	6,31	6,77	7,02
3	6,19	6,55	6,48	6,9
Rata-rata	5,95	6,53	6,59	6,77
SD	0,29	0,21	0,16	0,33

B.2 Laju Alir

Pengujian	Formula 1	Formula 2	Formula 3	Formula 4
1	5,11	6,53	8,35	7,02
2	5,33	6,09	7,83	6,64
3	5,12	6,55	7,99	6,39
Rata-rata	5,19	6,39	8,06	6,68
SD	0,13	0,26	0,27	0,32
Syarat: (> 5 g/detik)				

B.3 Sudut Diam/Istirahat

Pengujian	Formula 1	Formula 2	Formula 3	Formula 4
1	37,86	32,28	28,36	25,55
2	34,77	31,44	29,76	26,48
3	35,71	31,58	28,03	26,20
Rata-rata	36,11	31,77	28,71	26,08
SD	1,59	0,45	0,92	0,48
Syarat: - Sudut $\alpha < 25^\circ$ berarti daya alirnya sangat baik - Sudut $\alpha 25^\circ - 30^\circ$ berarti daya alirnya baik - Sudut $\alpha 30^\circ - 40^\circ$ berarti daya alirnya cukup baik - Sudut $\alpha > 45^\circ$ berarti daya alirnya buruk				

B.4 Kompresibilitas

Pengujian	Formula 1	Formula 2	Formula 3	Formula 4
1	9,23%	13,33%	13,64%	12,12%
2	11,54%	13,97%	12,88%	12,12%
3	10,00%	14,18%	13,64%	12,69%
Rata-rata	10,26%	13,83%	13,39%	12,31%
SD	0,0118	0,0044	0,0044	0,0033
Syarat: < 25%				

C. Hasil Evaluasi Tablet

C.1 Keceragaman Ukuran

C1.1 Tebal

Pengujian	Tebal			
	F 1	F 2	F 3	F 4
1	3,75	3,75	3,40	3,40
2	3,70	3,70	3,40	3,45
3	3,70	3,60	3,50	3,40
4	3,70	3,60	3,50	3,50
5	3,75	3,70	3,45	3,45
6	3,70	3,70	3,40	3,40
7	3,60	3,70	3,40	3,40
8	3,60	3,70	3,40	3,40
9	3,70	3,65	3,40	3,40
10	3,75	3,75	3,40	3,50
11	3,70	3,70	3,40	3,50
12	3,55	3,55	3,50	3,50
13	3,75	3,64	3,40	3,50
14	3,65	3,65	3,40	3,40
15	3,70	3,70	3,50	3,40
16	3,75	3,70	3,40	3,50
17	3,70	3,70	3,40	3,50
18	3,55	3,75	3,50	3,50
19	3,75	3,70	3,50	3,55
20	3,70	3,75	3,50	3,40
Rata-rata	3,69	3,68	3,44	3,45
SD	0,064635	0,054432	0,048327	0,052503
Syarat: 3,2 mm - 3,8 mm				

C1.2 Diameter

Pengujian	Diameter			
	F 1	F 2	F 3	F 4
1	7,1	7,1	7,1	7,1
2	7,1	7,1	7,1	7,1
3	7,1	7,1	7,1	7,1
4	7,1	7,1	7,1	7,1
5	7,1	7,1	7,1	7,1
6	7,1	7,1	7,1	7,1
7	7,1	7,1	7,1	7,1
8	7,1	7,1	7,1	7,1
9	7,1	7,1	7,1	7,1
10	7,1	7,1	7,1	7,1
11	7,1	7,1	7,1	7,1
12	7,1	7,1	7,1	7,1
13	7,1	7,1	7,1	7,1
14	7,1	7,1	7,1	7,1
15	7,1	7,1	7,1	7,1
16	7,1	7,1	7,1	7,1
17	7,1	7,1	7,1	7,1
18	7,1	7,1	7,1	7,1
19	7,1	7,1	7,1	7,1
20	7,1	7,1	7,1	7,1
Rata-rata	7,10	7,10	7,10	7,10
SD	2,73E-15	2,73E-15	2,73E-15	2,73E-15
Syarat: 7,0 mm - 7,2 mm				

C.2 Keseragaman Bobot

Pengujian	Bobot			
	Formula 1	Formula 2	Formula 3	Formula 4
1	135,3	128,4	128,8	130,4
2	132,6	128,3	131,5	130,1
3	128,1	127,2	130	128
4	130,9	126,2	132,7	131,8
5	135,1	129,4	130,1	129,5
6	130,7	128,6	132,1	129,8
7	130,2	127,4	129,9	130,5
8	131,6	126,9	133,5	131,1
9	130,6	126,1	130,6	133
10	131,3	127,9	130,2	132,9

11	130,4	127	128,4	132,2
12	130,3	128,1	126,6	128,8
13	131,9	126,8	131,8	131,8
14	130,9	127,4	132,3	129,6
15	130,8	126,6	129	131,6
16	130,7	126,3	131,7	130,6
17	130,6	130,9	131,8	130,6
18	131,1	127,9	132,5	132,1
19	130,7	126,8	130,5	133
20	132,4	127,7	132,6	130,9
Rata-rata	131,31	127,60	130,83	130,92
Min	128,1	126,10	126,60	128,00
Max	135,3	130,90	133,50	133,00
SD	1,62	1,17	1,74	1,40
Syarat: 130 mg (123,5 mg- 136,5 mg)				

C.3 Kekerasan

Pengujian	Kekerasan			
	Formula 1	Formula 2	Formula 3	Formula 4
1	8	4	5,5	4
2	7,5	4	5,5	4,5
3	7,5	4	5,5	4,5
4	6,5	3,5	5,5	4
5	6,5	4	5	4
6	7	3,5	5,5	4
7	6	4	5	4,5
8	5,5	3,5	5,5	4
9	6,5	3,5	5	4
10	7,5	3,5	5,5	4,5
Rata-rata	6,85	3,75	5,35	4,2
SD	0,78	0,26	0,24	0,26
Syarat: 3 – 8 kP				

C.4 Waktu Hancur

Pengujian	Waktu Hancur (detik)			
	Formula 1	Formula 2	Formula 3	Formula 4
1	12	10	280	301
2	8	13	265	318
3	9	16	275	316
Rata-rata	10	13	273	312
SD	2,08	3,00	7,64	9,29

Syarat: < 15 menit (900 detik)

C.5 Friability

Pengujian	Kerapuhan			
	Formula 1	Formula 2	Formula 3	Formula 4
1	0,14%	0,31%	0,32%	0,24%
2	0,13%	0,30%	0,31%	0,23%
3	0,11%	0,30%	0,34%	0,20%
Rata-rata	0,13%	0,30%	0,32%	0,22%
SD	0,00015	0,00006	0,00015	0,00021
Syarat: <1,0%				

C.6 Kadar Zat Aktif

Pengujian	Bobot Rata-rata			
	Formula 1	Formula 2	Formula 3	Formula 4
1	128,3	126,2	131,1	129,4
2	130,6	126,7	129,2	130,9
3	130,7	126,3	128,2	129,1
4	129,1	128,1	131,7	131,6
5	130,2	127,9	130,2	128,7
6	130,3	126	131,5	128,6
7	131,2	126,9	130,6	132,9
8	130,1	127,8	130,7	132
9	130,6	131,7	131,9	130,7
10	130,4	128	130,6	131
Rata-rata	130,15	127,56	130,57	130,49

Pengujian	Formula 1	Formula 2	Formula 3	Formula 4
1	109,61	107,12	101,27	99,08
2	109,84	106,54	101,42	99,17
3	109,42	107,26	101,51	99,14
Rata-rata	109,63	106,97	101,40	99,13
SD	0,21	0,38	0,12	0,04
Syarat: 90% - 110%				

C.7 Keseragaman Kandungan

Pengujian	Kadar			
	Formula 1	Formula 2	Formula 3	Formula 4
1	105,12	107,53	108,98	109,46
2	104,82	107,70	108,76	109,82
3	105,19	107,36	108,73	109,91

4	108,97	103,78	105,73	107,42
5	109,36	106,53	105,79	107,31
6	108,95	105,57	105,61	107,02
7	108,10	105,00	104,80	108,11
8	108,21	104,30	104,82	108,30
9	108,29	104,71	105,15	107,90
10	108,60	104,71	105,02	108,28
Rata-rata	107,56	105,72	106,34	108,35
SD	1,78	1,45	1,75	1,04
AV	10,34	7,70	9,04	9,36
Syarat: $AV \leq L1\%$, dimana $L1=15$				

C.8 Disolusi

Pengujian	Disolusi (Q%)			
	Formula 1	Formula 2	Formula 3	Formula 4
5	70,78	70,52	52,76	30,97
10	82,26	84,86	73,47	52,54
15	84,88	87,07	80,50	65,40
20	92,01	91,03	85,90	72,29
25	97,47	96,86	86,72	82,91
30	97,31	100,29	88,92	84,54

D. Data Uji Statistik

D.1 Kadar Air

Descriptives

Kadar_Air

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	3	5,9500	,28844	,16653	5,2335	6,6665	5,63	6,19
F 2	3	6,5300	,21071	,12166	6,0066	7,0534	6,31	6,73
F 3	3	6,5933	,15503	,08950	6,2082	6,9784	6,48	6,77
F 4	3	6,7700	,33451	,19313	5,9390	7,6010	6,39	7,02
Tot	12	6,4608	,38890	,11227	6,2137	6,7079	5,63	7,02

Test of Homogeneity of Variances

Kadar_Air

Levene Statistic	df1	df2	Sig.
,996	3	8	,442

ANOVA

Kadar_Air

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1,137	3	,379	5,751	,021
Within Groups	,527	8	,066		
Tot	1,664	11			

D.2 Laju Alir

Descriptives

Laju_Alir

	N	Mean	Std. Dev	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F1	3	5,1860	,12512	,07224	4,8752	5,4968	5,11	5,33
F2	3	6,3875	,26099	,15068	5,7392	7,0359	6,09	6,55
F3	3	8,0574	,26865	,15511	7,3901	8,7248	7,83	8,35
F4	3	6,6825	,31602	,18245	5,8974	7,4675	6,39	7,02

Tot	12	6,5784	1,08846	,31421	5,8868	7,2699	5,11	8,35
-----	----	--------	---------	--------	--------	--------	------	------

Test of Homogeneity of Variances

Laju_Alir

Levene Statistic	df1	df2	Sig.
,805	3	8	,526

ANOVA

Laju_Alir

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12,521	3	4,174	65,258	,000
Within Groups	,512	8	,064		
Total	13,032	11			

D.3 Sudut Diam

Descriptives

Sudut_Diam

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	3	36,1133	1,58399	,91452	32,1785	40,0482	34,77	37,86
F 2	3	31,7667	,45004	,25983	30,6487	32,8846	31,44	32,28
F 3	3	28,7167	,91850	,53029	26,4350	30,9983	28,03	29,76
F 4	3	26,0767	,47711	,27546	24,8915	27,2619	25,55	26,48
Tot	12	30,6683	3,98641	1,15078	28,1355	33,2012	25,55	37,86

Test of Homogeneity of Variances

Sudut_Diam

Levene Statistic	df1	df2	Sig.
2,718	3	8	,115

ANOVA

Sudut_Diam

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	167,240	3	55,747	58,947	,000
Within Groups	7,566	8	,946		
Tot	174,806	11			

D.4 Kompresibilitas

Descriptives

Kompresibilitas

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	3	10,2567	1,17619	,67908	7,3348	13,1785	9,23	11,54
F 2	3	13,8267	,44276	,25563	12,7268	14,9265	13,33	14,18
F 3	3	13,3867	,43879	,25333	12,2967	14,4767	12,88	13,64
F 4	3	12,3100	,32909	,19000	11,4925	13,1275	12,12	12,69
Tot	12	12,4450	1,55414	,44864	11,4575	13,4325	9,23	14,18

Test of Homogeneity of Variances

Kompresibilitas

Levene Statistic	df1	df2	Sig.
2,622	3	8	,123

ANOVA

Kompresibilitas

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	22,808	3	7,603	16,174	,001
Within Groups	3,761	8	,470		
Tot	26,569	11			

D.5 Keseragaman Ukuran

D.6.1 Tebal

Descriptives

Tebal

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	20	3,6875	,06463	,01445	3,6573	3,7177	3,55	3,75
F 2	20	3,6845	,05443	,01217	3,6590	3,7100	3,55	3,75
F 3	20	3,4375	,04833	,01081	3,4149	3,4601	3,40	3,50
F 4	20	3,4525	,05250	,01174	3,4279	3,4771	3,40	3,55
Tot	80	3,5655	,13295	,01486	3,5359	3,5951	3,40	3,75

Test of Homogeneity of Variances

Tebal

Levene Statistic	df1	df2	Sig.
,237	3	76	,870

ANOVA

Tebal

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1,164	3	,388	126,869	,000
Within Groups	,232	76	,003		
Tot	1,396	79			

D.6.2 Diameter

Descriptives

Diameter

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	20	7,1000	,00000	,00000	7,1000	7,1000	7,10	7,10
F 2	20	7,1000	,00000	,00000	7,1000	7,1000	7,10	7,10
F 3	20	7,1000	,00000	,00000	7,1000	7,1000	7,10	7,10
F 4	20	7,1000	,00000	,00000	7,1000	7,1000	7,10	7,10
Tot	80	7,1000	,00000	,00000	7,1000	7,1000	7,10	7,10

Test of Homogeneity of Variances

Diameter

Levene Statistic	df1	df2	Sig.
.	3	.	.

ANOVA

Diameter

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,000	3	,000	,000	1,000
Within Groups	,000	76	,000		
Tot	,000	79			

D.6 Keseragaman Bobot

Descriptives

Bobot_Tablet

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	20	131,3100	1,61763	,36171	130,5529	132,0671	128,10	135,30
F 2	20	127,5950	1,16911	,26142	127,0478	128,1422	126,10	130,90
F 3	20	130,8300	1,73694	,38839	130,0171	131,6429	126,60	133,50
F 4	20	130,9150	1,39559	,31206	130,2618	131,5682	128,00	133,00
Tot	80	130,1625	2,10011	,23480	129,6951	130,6299	126,10	135,30

Test of Homogeneity of Variances

Bobot_Tablet

Levene Statistic	df1	df2	Sig.
1,143	3	76	,337

ANOVA

Bobot_Tablet

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	178,412	3	59,471	26,585	,000
Within Groups	170,015	76	2,237		
Tot	348,428	79			

D.7 Kekerasan

Descriptives

Kekerasan

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	10	6,8500	,78351	,24777	6,2895	7,4105	5,50	8,00
F 2	10	3,7500	,26352	,08333	3,5615	3,9385	3,50	4,00
F 3	10	5,3500	,24152	,07638	5,1772	5,5228	5,00	5,50
F 4	10	4,2000	,25820	,08165	4,0153	4,3847	4,00	4,50
Tot	40	5,0375	1,28795	,20364	4,6256	5,4494	3,50	8,00

Test of Homogeneity of Variances

Kekerasan

Levene Statistic	df1	df2	Sig.
11,171	3	36	,000

ANOVA

Kekerasan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	57,419	3	19,140	94,711	,000
Within Groups	7,275	36	,202		
Tot	64,694	39			

D.8 Waktu Hancur

Descriptives

Waktu_Hancur

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	3	9,67	2,082	1,202	4,50	14,84	8	12
F 2	3	13,00	3,000	1,732	5,55	20,45	10	16
F 3	3	273,33	7,638	4,410	254,36	292,31	265	280
F 4	3	311,67	9,292	5,364	288,59	334,75	301	318
Tot	12	151,92	147,618	42,614	58,12	245,71	8	318

Test of Homogeneity of Variances

Waktu_Hancur

Levene Statistic	df1	df2	Sig.
3,365	3	8	,075

ANOVA

Waktu_Hancur

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	239384,917	3	79794,972	2020,126	,000
Within Groups	316,000	8	39,500		
Tot	239700,917	11			

D.9 Friability

Descriptives

Friability

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	3	,1267	,01528	,00882	,0887	,1646	,11	,14
F 2	3	,3033	,00577	,00333	,2890	,3177	,30	,31
F 3	3	,3233	,01528	,00882	,2854	,3613	,31	,34
F 4	3	,2233	,02082	,01202	,1716	,2750	,20	,24
Tot	12	,2442	,08196	,02366	,1921	,2962	,11	,34

Test of Homogeneity of Variances

Friability

Levene Statistic	df1	df2	Sig.
1,478	3	8	,292

ANOVA

Friability

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,072	3	,024	102,893	,000
Within Groups	,002	8	,000		
Tot	,074	11			

D.10 Kadar Zat Aktif

Descriptives

Kadar

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	3	109,6233	,21032	,12143	109,1009	110,1458	109,42	109,84
F 2	3	106,9733	,38175	,22040	106,0250	107,9217	106,54	107,26
F 3	3	101,4000	,12124	,07000	101,0988	101,7012	101,27	101,51
F 4	3	99,1300	,04583	,02646	99,0162	99,2438	99,08	99,17
Tot	12	104,2817	4,39297	1,26814	101,4905	107,0728	99,08	109,84

Test of Homogeneity of Variances

Kadar

Levene Statistic	df1	df2	Sig.
3,898	3	8	,055

ANOVA

Kadar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	211,866	3	70,622	1366,219	,000
Within Groups	,414	8	,052		
Tot	212,280	11			

D.11 Keseragaman Kandungan

Descriptives

Keseragaman_Kandungan

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	10	107,5610	1,78160	,56339	106,2865	108,8355	104,82	109,36
F 2	10	105,7190	1,44926	,45830	104,6823	106,7557	103,78	107,70
F 3	10	106,3390	1,75075	,55364	105,0866	107,5914	104,80	108,98
F 4	10	108,3530	1,04400	,33014	107,6062	109,0998	107,02	109,91
Tot	40	106,9930	1,80523	,28543	106,4157	107,5703	103,78	109,91

Test of Homogeneity of Variances

Keseragaman_Kandungan

Levene Statistic	df1	df2	Sig.
2,095	3	36	,118

ANOVA

Keseragaman_Kandungan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	42,230	3	14,077	5,971	,002
Within Groups	84,866	36	2,357		
Tot	127,096	39			

D.12 Disolusi

Descriptives

Disolusi

	N	Mean	Std. Dev.	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
F 1	6	97,3100	1,60071	,65349	95,6302	98,9898	95,91	99,33
F 2	6	100,2867	,04719	,01926	100,2371	100,3362	100,24	100,35
F 3	6	88,9150	,11077	,04522	88,7988	89,0312	88,81	89,13
F 4	6	84,5417	1,04404	,42623	83,4460	85,6373	83,73	86,61
Tot	24	92,7633	6,51554	1,32998	90,0121	95,5146	83,73	100,35

Test of Homogeneity of Variances

Disolusi

Levene Statistic	df1	df2	Sig.
9,550	3	20	,000

ANOVA

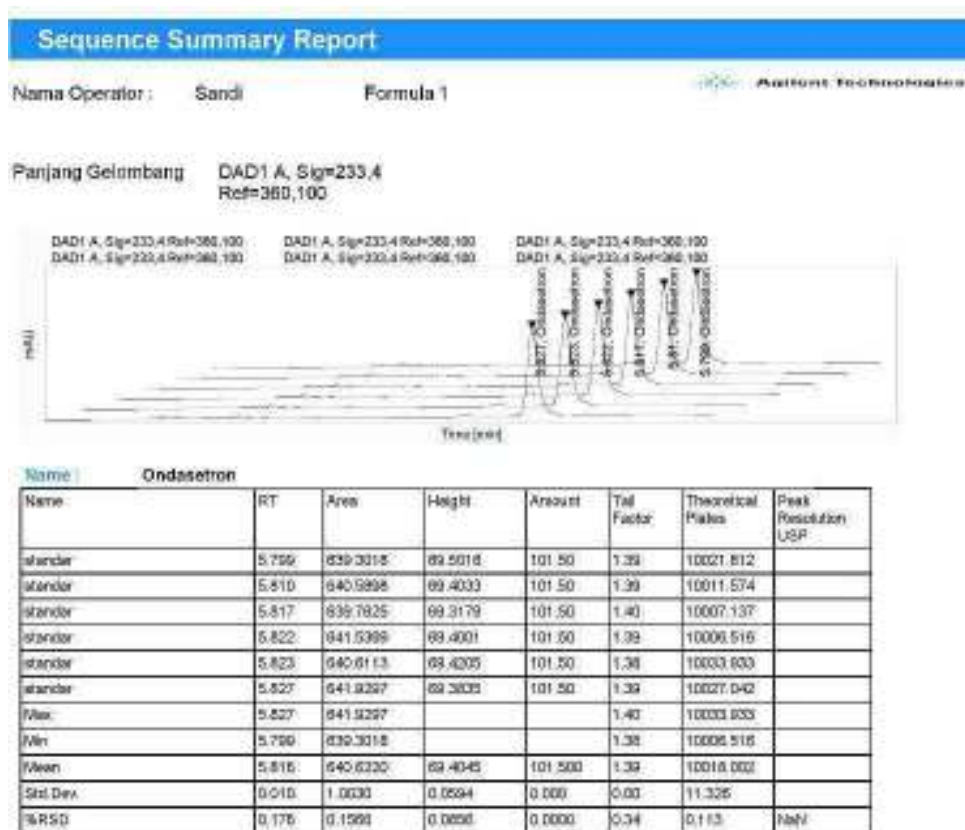
Disolusi

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	958,069	3	319,356	348,377	,000
Within Groups	18,334	20	,917		
Tot	976,403	23			

E. Output HPLC

E.1 Pengujian Kadar dan Keseragaman Kandungan

E.1.1 Formula 1



E.1.2 Formula 2

Sequence Summary Report

Name Operator : Sudi

Formula 2

 Agilent Technologies

Panjang Gelombang : DAD1 A. Sg=233.4
Ref=300,100

DAD1 A. Sg=233.4 Ref=300,100

DAD1 A. Sg=233.4 Ref=300,100

DAD1 A. Sg=233.4 Ref=300,100

DAD1 A. Sg=233.4 Ref=300,100

DAD1 A. Sg=233.4 Ref=300,100

DAD1 A. Sg=233.4 Ref=300,100



Name : Datasation

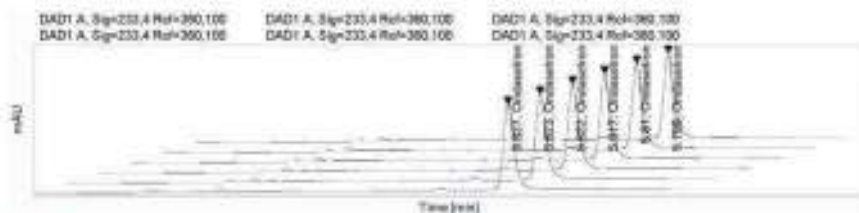
Name	RT	Area	Height	Amount	Total Peak Area	Retention Index	Peak Resolution USP
Wander	5.799	655.3018	65.5016	101.50	1.39	1022.812	
Wander	5.810	655.9060	66.4000	101.50	1.39	1021.574	
Wander	5.817	655.7020	65.8179	101.50	1.40	1022.137	
Wander	5.822	654.5369	65.4301	101.50	1.39	1026.515	
Wander	5.823	655.6113	66.4705	101.50	1.39	1023.673	
Wander	5.827	654.0297	65.3859	101.50	1.39	1022.042	
Wander	5.827	654.8287			1.40	1023.823	
Wander	5.799	655.3018			1.39	1026.515	
Wander	5.810	655.9060	66.4000	101.5000	1.39	1021.572	
Std. Dev	0.010	1.0030	0.0024	0.0000	0.00	1.326	
S.RSD	0.170	0.1599	0.0036	0.0000	0.04	0.115	Not

E.1.3 Formula 3

Sequence Summary Report

Nama Operator : Sandi Formula 3

Agilent Technologies

Panjang Gelombang DAD1 A, Sig=233.4
Ref=360,100

Name: Ondasatron

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
standar	5.799	639.3018	69.5016	101.50	1.39	10021.812	
standar	5.810	640.5898	69.4003	101.50	1.39	10011.574	
standar	5.817	639.7625	69.3179	101.50	1.40	10007.137	
standar	5.822	641.5369	69.4001	101.50	1.39	10006.516	
standar	5.823	640.6113	69.4205	101.50	1.38	10033.933	
standar	5.827	641.9297	69.3835	101.50	1.39	10027.942	
Max	5.827	641.9297			1.40	10033.933	
Min	5.799	639.3018			1.38	10006.516	
Mean	5.816	640.6220	69.4045	101.500	1.38	10018.002	
Std. Dev.	0.010	1.0030	0.0594	0.000	0.00	11.326	
%RSD	0.176	0.1560	0.0555	0.0000	0.34	0.113	NaN

Sequence Summary Report

Nama Operator : Sandi

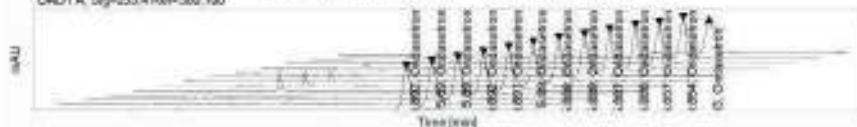
Formula 3

Applix Technologies

DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190

DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190

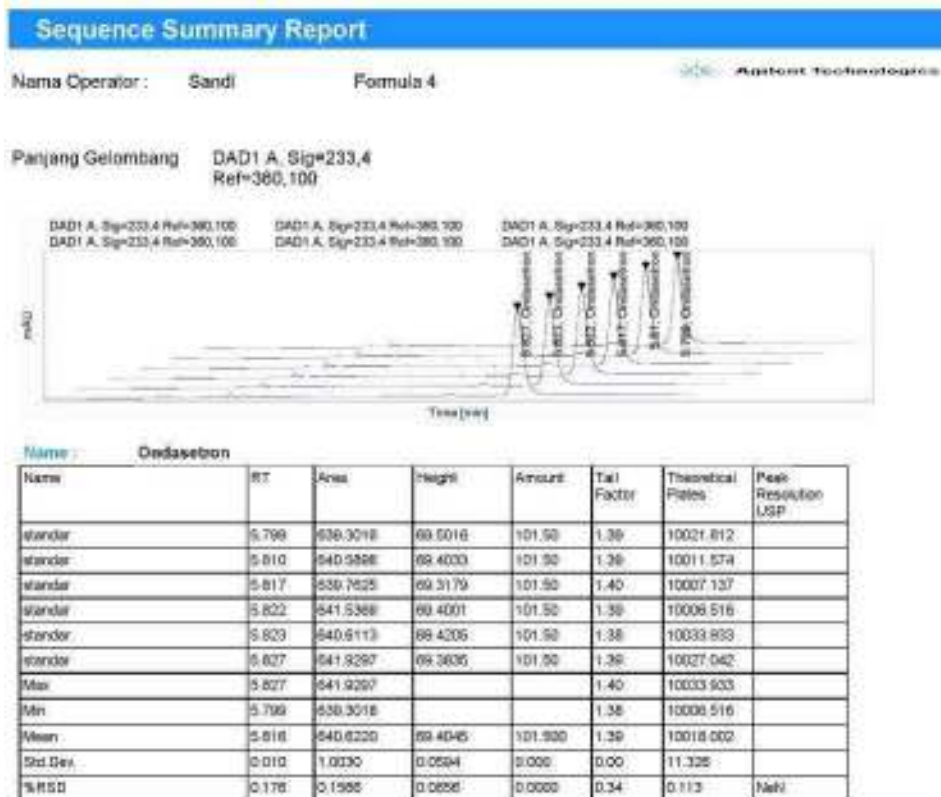
DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190
 DAD1 A, Sig=233.4 Ref=380,190



Name : Ondasetron

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
sample 3	5.853	636.1813	68.6936	101.14	1.38	9981.230	
sample 3	5.854	636.5427	68.6101	101.21	1.38	10013.521	
sample 3	5.857	640.1959	68.7055	101.30	1.38	9990.361	
kk 3	5.895	695.2542	73.2679	108.58	1.35	10002.147	
kk 3	5.897	694.6826	73.4607	108.37	1.35	10045.606	
kk 3	5.899	694.6859	73.4129	108.34	1.35	10045.604	
kk 3	5.895	695.6147	74.3668	105.35	1.35	10267.353	
kk 3	5.890	698.1546	74.4125	105.40	1.35	10273.600	
kk 3	5.891	695.0490	74.3903	105.39	1.35	10079.864	
kk 3	5.892	690.0462	73.8373	104.42	1.35	10315.562	
kk 3	5.890	660.0311	73.6302	104.44	1.35	10264.274	
kk 3	5.890	662.1671	74.0297	104.77	1.35	10290.793	
kk 3	5.892	661.3032	73.6999	104.64	1.35	10261.636	
Max	5.892	696.2542			1.35	10315.580	
Min	5.893	636.1813			1.38	9981.230	
Mean	5.891	662.7157	72.7038	104.880	1.37	10159.653	
Std Dev.	0.015	16.2417	2.2738	2.530	0.02	142.135	
%RSD	0.253	2.4506	3.1273	2.4506	1.31	1.390	Ref1

E.1.4 Formula 4



E.2 Disolusi

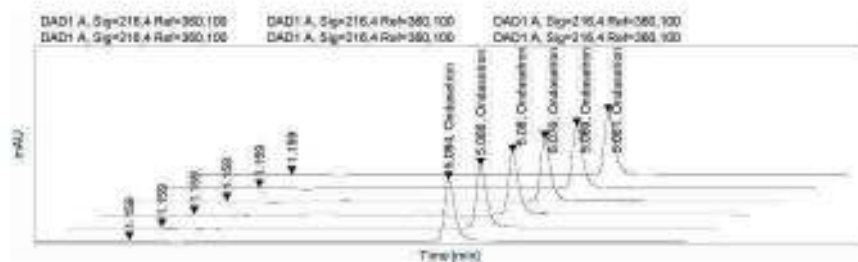
E.2.1 Menit ke-5

Sequence Summary Report

Nama Operator : Sandi Disolusi Menit 5

Applied Technologies

Panjang Gelombang : DAD1 A, Sig=216.4
Ref=360,100



Sequence Summary Report

Nama Operator: Sandi

Diskusi Menti 5

 PT. KALAMATIKA INFORMATIKA

Name	Dedasetron	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
sample 1.0		5.101	3334.8479	372.5913	70.01	1.36	8080.196	30.52298
sample 1.5		5.102	3306.0002	372.4381	70.83	1.38	8067.670	30.52794
sample 1.6		5.111	3334.1262	370.2426	70.79	1.40	8019.475	30.40828
sample 1.6		5.113	3338.2700	366.8008	70.86	1.34	8330.540	30.95834
sample 1.6		5.111	3307.4436	368.4402	70.23	1.34	8363.866	31.06352
sample 1.6		5.113	3336.8150	360.4757	70.68	1.35	8367.218	31.02446
sample 2.5		5.119	3362.1887	337.3847	71.39	1.45	7182.021	30.08043
sample 2.5		5.116	3231.4504	338.7080	68.61	1.44	7800.507	29.69554
sample 2.5		5.116	3365.9660	340.3120	71.47	1.50	7601.790	29.72930
sample 2.5		5.113	3333.2834	371.4880	70.77	1.35	8148.574	30.68040
sample 2.5		5.112	3283.3611	370.3655	69.72	1.37	8210.501	30.70247
sample 2.5		5.112	3330.0637	371.7630	70.71	1.38	8150.581	30.68888
sample 3.5		5.116	2516.8772	281.0362	53.46	1.37	8164.537	30.69952
sample 3.5		5.116	2483.1462	281.5319	52.72	1.36	8226.178	30.70840
sample 3.5		5.114	2505.0894	282.1316	53.69	1.36	8211.580	30.77342
sample 3.5		5.117	2484.4880	217.0558	52.75	1.05	7453.086	29.47178
sample 3.5		5.117	2438.8762	217.6726	51.66	1.24	7366.353	29.32396
sample 3.5		5.117	2448.1372	218.3841	52.00	1.32	7266.622	29.18939
sample 4.5		5.119	1522.8580	189.2601	32.35	1.34	8153.314	30.70982
sample 4.5		5.117	1463.6283	188.7612	31.20	1.34	8264.117	30.89198
sample 4.5		5.120	1524.7279	169.4036	32.37	1.35	8148.968	30.69510
sample 4.5		5.120	1373.3625	153.3403	29.16	1.34	8151.586	30.70710
sample 4.5		5.118	1478.8960	156.6446	31.00	1.41	7921.400	30.32428
sample 4.5		5.121	1378.2969	153.4036	29.26	1.35	8147.125	30.70490
Max		5.121	3365.9660			1.50	8363.866	31.06352
Min		5.101	1373.3625			1.05	7266.622	29.18939
Mean		5.116	2846.7522	288.5244	56.108	1.36	8023.758	30.43382
Std.Dev.		0.035	786.9927	60.5675	16.682	0.06	306.707	0.53944
%RSD		0.069	29.9852	31.7461	29.6852	0.02	3.822	1.77219

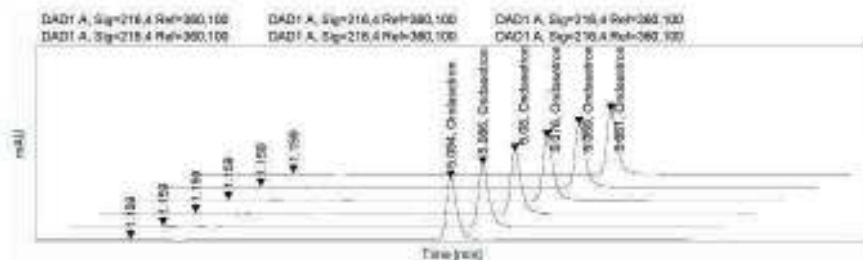
E.2.1 Menit ke-10

Sequence Summary Report

Nama Operator : Sandi

Disolusi Menit 10

Agilent Technologies

Panjang Gelombang : DAD1 A, Sig=216.4
Ref=380,100

Sequence Summary Report

Nama Operator : Sandi

Disolusi Menit 10

 Agilent Technologies

Name : Ondasebron

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
sampel 1.10	5.106	3650.8247	420.0006	81.32	1.40	8093.348	30.32666
sampel 1.10	5.103	3730.6743	469.7462	79.21	1.28	8054.192	31.51481
sampel 1.10	5.110	3685.5713	432.7177	82.08	1.44	8144.228	30.18124
sampel 1.10	5.105	3604.3574	472.2957	80.78	1.33	9013.408	31.48454
sampel 1.10	5.109	3625.6689	429.6908	81.23	1.38	8280.977	30.37064
sampel 1.10	5.105	3785.2688	469.2057	79.95	1.33	9057.908	31.50410
sampel 2.10	5.102	3919.4488	438.3594	83.22	1.40	8228.778	30.61377
sampel 2.10	5.102	3922.6372	494.7148	83.29	1.43	8120.712	30.40380
sampel 2.10	5.104	3904.0700	437.2612	82.89	1.41	8216.288	30.58067
sampel 2.10	5.102	3928.4983	431.7814	83.41	1.41	8197.173	30.52728
sampel 2.10	5.102	3915.5588	437.5682	83.14	1.40	8280.802	30.67450
sampel 2.10	5.104	3867.5563	494.6920	84.24	1.43	8116.068	30.37805
sampel 3.10	5.104	3427.4131	383.5128	72.77	1.39	8286.323	30.68047
sampel 3.10	5.107	3382.9080	346.8289	71.83	1.48	7938.224	30.12110
sampel 3.10	5.105	3429.8218	382.4192	72.82	1.40	8237.664	30.56261
sampel 3.10	5.110	3364.2688	347.2146	71.43	1.52	7890.963	30.04096
sampel 3.10	5.106	3431.7585	392.7293	72.87	1.39	8253.392	30.63686
sampel 3.10	5.110	3406.6821	348.5835	72.33	1.56	7831.534	29.95147
sampel 4.10	5.110	2424.7358	272.3202	51.48	1.37	8914.383	30.73360
sampel 4.10	5.112	2461.9087	279.8008	52.27	1.36	8386.334	30.87579
sampel 4.10	5.110	2422.6753	272.5375	51.44	1.37	8318.780	30.72649
sampel 4.10	5.113	2462.9724	279.3084	52.28	1.37	8398.438	30.82372
sampel 4.10	5.112	2421.0736	272.5660	51.41	1.37	8349.424	30.77625
sampel 4.10	5.115	2463.2281	279.2732	52.30	1.37	8352.348	30.80602
Max	5.115	3667.6582			1.58	8054.192	31.51481
Min	5.102	2421.0736			1.28	7031.534	29.95147
Mean	5.107	3394.9929	381.6712	72.083	1.40	8312.404	30.63671
Std Dev.	0.034	566.9549	71.83493	12.846	0.06	317.548	0.41882
SRSD	0.079	17.9425	18.8210	17.9425	4.28	3.820	1.35880

E.2.1 Menit ke-15

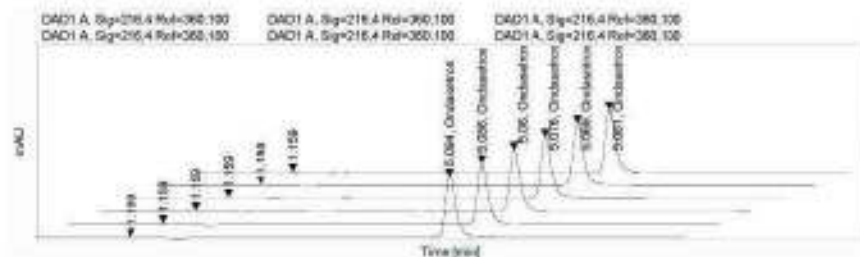
Sequence Summary Report

Nama Operator : Sandi

Disposal Method: 15



Panjang Gelombang DAD1 A, Sig=216.4
Ref=360.100



Name	Endstation
...	...

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
standard	5.085	4792.5785	936.2585	101.50	1.41	5380.540	30.19058
standard	5.089	4790.2798	933.0345	101.50	1.42	5333.099	30.20851
standard	5.076	4790.7022	931.1064	101.50	1.43	7686.502	30.11703
standard	5.080	4781.8929	930.8005	101.50	1.41	8312.684	30.14844
standard	5.085	4779.5493	925.4921	101.50	1.42	7970.918	30.07571
standard	5.084	4779.8147	927.1408	101.50	1.42	7957.681	30.08240
Min	5.094	4799.6788			1.42	8090.540	30.20951
Min	5.083	4778.5430			1.41	7967.861	30.08240
Mean	5.078	4788.2617	931.1122	101.500	1.42	8025.811	30.13379
Std Dev.	0.012	7.8200	3.2709	0.000	0.00	38.329	0.05960
%RSD	0.230	0.1636	0.6109	0.0000	0.31	0.478	0.19778



Sequence Summary Report

Nama Operator : Sandi

Disolusi Menit 15

 Agilent Technologies

Name : Ondasetron

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
sampel 1.15	5.111	3577.1551	355.5322	84.45	1.33	7495.593	29.49489
sampel 1.15	5.105	3255.4319	453.6703	84.01	1.39	6311.025	30.73635
sampel 1.15	5.111	3582.8194	355.3421	84.58	1.32	7503.279	29.49329
sampel 1.15	5.103	3562.0513	452.5901	82.64	1.39	6341.305	30.78405
sampel 1.15	5.111	3576.1079	363.7014	82.30	1.43	7553.893	29.57729
sampel 1.15	5.103	3512.3115	450.3334	80.95	1.38	6495.134	30.96954
sampel 2.15	5.106	3559.3540	447.5896	84.52	1.40	6259.828	30.23035
sampel 2.15	5.106	4009.5369	454.1575	85.55	1.40	6369.153	30.77758
sampel 2.15	5.107	4056.1091	447.6745	85.16	1.40	6317.807	30.48102
sampel 2.15	5.107	3975.7542	452.4132	84.48	1.40	6385.948	30.73054
sampel 2.15	5.106	3665.4148	446.0027	84.83	1.40	6330.985	30.71889
sampel 2.15	5.107	4028.4665	455.0712	85.54	1.40	6333.223	30.72214
sampel 3.15	5.109	3756.3716	422.9352	79.97	1.40	6328.202	30.67014
sampel 3.15	5.110	3574.0266	412.4540	78.01	1.39	6342.596	30.49971
sampel 3.15	5.109	3545.9148	421.0098	77.43	1.39	6415.771	30.61518
sampel 3.15	5.111	3794.0682	414.1382	80.55	1.41	6228.916	30.53151
sampel 3.15	5.108	5755.8521	421.5997	79.75	1.40	6314.392	30.64958
sampel 3.15	5.109	3671.4111	411.8738	77.95	1.40	6316.541	30.49905
sampel 4.15	5.115	3153.0278	354.2197	66.95	1.38	6324.111	30.63627
sampel 4.15	5.116	2951.9111	333.2463	62.68	1.38	6370.813	30.80253
sampel 4.15	5.115	2969.7549	349.4248	63.69	1.38	6490.093	30.87004
sampel 4.15	5.119	2965.4048	336.1227	62.95	1.39	6335.461	30.75340
sampel 4.15	5.113	3150.0486	354.5171	65.88	1.39	6353.397	30.68792
sampel 4.15	5.117	2945.6152	333.3365	62.54	1.37	6411.131	30.69474
Max	5.119	4058.1091			1.43	6480.082	30.96554
Min	5.103	2945.6152			1.32	7495.596	29.48486
Mean	5.110	3559.1956	405.0223	77.907	1.39	6244.446	30.52759
Std Dev	0.004	356.9407	45.8489	8.471	0.02	286.489	0.43185
%RSD	0.084	10.8727	11.3202	10.8727	1.73	3.475	1.41415

E.2.1 Menit ke-20

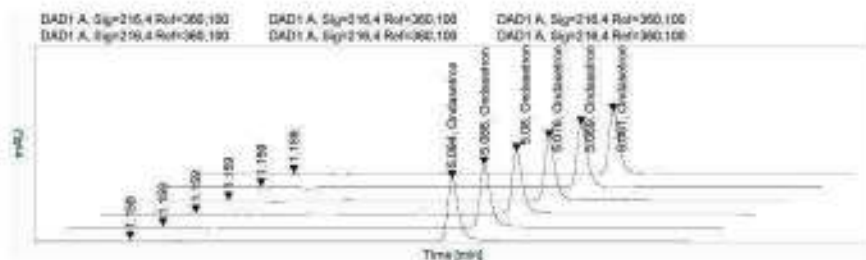
Sequence Summary Report

Nama Operator: Sand

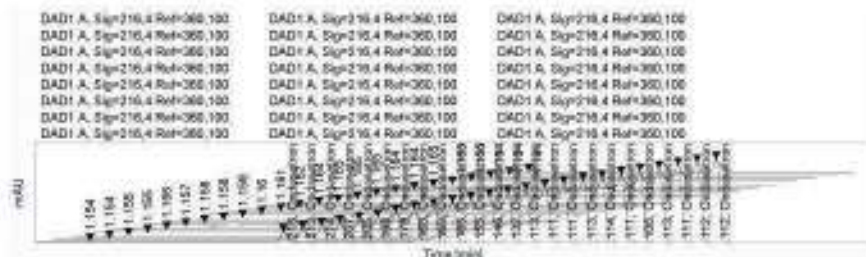
Disolusi Menit: 20

 Ascent Technologies

Panjang Gelombang DAD1 A, Sig=216,4
Ref=380,100

Name: **Andasetron**

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
stander	5.081	4799.6786	636.2886	101.50	1.41	8090.540	30.19058
stander	5.069	4790.2798	633.0345	101.50	1.42	8033.090	30.20851
stander	5.078	4786.7602	631.1084	101.50	1.42	7999.586	30.11703
stander	5.080	4781.8929	630.8006	101.50	1.41	8012.884	30.14844
stander	5.086	4779.5439	628.4921	101.50	1.42	7970.918	30.07571
stander	5.084	4778.6147	627.1408	101.50	1.42	7957.861	30.08249
/Max	5.084	4799.6786			1.42	8090.540	30.20951
/Min	5.081	4779.5439			1.41	7957.861	30.08249
/Mean	5.078	4786.2617	631.1122	101.500	1.42	8025.811	30.13379
Std. Dev.	0.012	7.8300	3.2709	0.000	0.00	38.329	0.05990
%RSD	0.230	0.1636	0.0169	0.0000	0.31	0.478	0.19728



Sequence Summary Report

Name Operator : Sardi

Disclosed Month : 20

 Agence for Technologies

Name	Ordre/Station							
Name		R	R/A	Ragti	Amount	Ref Factor	Threshold Value	Ref Result on USF
sample 1 20	5.112	4245.2006	475.2004	30.22	1.40	6371.803	33.73410	
sample 1 20	5.113	4255.1563	475.2158	30.26	1.40	6406.665	33.58604	
sample 1 20	5.112	4242.3618	477.8292	30.16	1.40	6374.078	33.71754	
sample 1 20	5.100	4242.6265	475.2160	30.10	1.40	6412.453	33.66570	
sample 1 20	5.111	4254.7168	480.3654	30.34	1.39	6430.993	33.68613	
sample 1 20	5.111	4244.8148	475.1406	30.13	1.40	6376.050	33.82838	
sample 2 20	5.114	4251.1265	471.0136	34.26	1.40	6415.458	33.66472	
sample 2 20	5.111	4222.5620	458.0048	39.76	1.42	6460.093	33.78625	
sample 2 20	5.113	4102.9146	471.3497	32.18	1.41	6336.443	33.68640	
sample 2 20	5.113	4227.3786	452.2714	34.60	1.40	6460.620	33.67016	
sample 2 20	5.111	4102.8779	472.6047	32.16	1.40	6391.039	33.70641	
sample 2 20	5.132	4122.1514	442.5750	37.86	1.42	6133.073	33.32832	
sample 2 20	5.146	4067.1216	440.0713	35.00	1.41	6060.117	33.70672	
sample 2 20	5.109	3825.4229	425.5694	33.37	1.41	7049.129	33.57745	
sample 3 20	5.156	4011.4758	457.7629	35.17	1.42	7665.432	33.06108	
sample 3 20	5.160	3911.3520	477.7769	33.45	1.41	6034.121	33.74160	
sample 3 20	5.166	4007.0205	434.0069	35.10	1.41	7022.620	33.00075	
sample 3 20	5.179	3971.1064	434.1687	33.04	1.41	7082.120	33.11184	
sample 4 20	5.184	3327.5236	355.7034	30.67	1.40	7065.234	33.76170	
sample 4 20	5.214	3423.8900	358.8968	32.01	1.40	7828.934	33.01762	
sample 4 20	5.205	3321.4150	385.4687	33.91	1.38	7917.078	33.06310	
sample 4 20	5.213	3327.5120	357.8005	34.57	1.36	6940.383	33.26115	
sample 4 20	5.207	3321.1380	358.1192	30.71	1.39	7887.474	33.08872	
sample 4 20	5.218	3422.2583	358.6148	33.96	1.39	7828.708	33.06832	
Min	5.216	4251.1263			1.40	6412.453	33.66570	
Min	5.108	3321.4150			1.38	7828.708	33.06832	
Max	5.100	3661.0724	434.1801	33.020	1.40	6143.917	33.40646	
Std. Dev	0.041	373.1443	15.1481	7.923	0.01	222.165	0.38648	
R.R.SD	0.800	6.4789	10.0202	3.4780	0.66	2.728	1.17210	

Sequence Summary Report

Nama Operator : Sandi

Disolusi Menit 25

Agilent Technologies

Name : Ondasebron

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
sampel 1.25	5.217	4523.1479	482.1378	96.04	1.42	7773.351	29.92364
sampel 1.25	5.223	4479.5085	479.5209	95.11	1.42	7824.112	30.09177
sampel 1.25	5.221	4523.3237	482.6633	96.04	1.42	7756.015	30.02116
sampel 1.25	5.223	4479.3970	479.5973	95.05	1.41	7840.109	30.15999
sampel 1.25	5.222	4517.1836	481.8411	95.91	1.41	7807.710	30.11696
sampel 1.25	5.218	4479.1279	480.7325	95.04	1.41	7803.660	30.04499
sampel 2.25	5.208	4500.8218	447.1836	95.56	1.45	7750.731	30.14410
sampel 3.25	5.202	4427.8715	449.1989	94.02	1.45	7807.581	29.99024
sampel 3.25	5.208	4445.0342	448.7115	94.40	1.46	7755.126	30.00164
sampel 3.25	5.200	4520.2081	448.9278	95.96	1.44	7885.906	29.97542
sampel 3.25	5.201	4453.7192	449.0480	94.58	1.47	7745.230	30.07278
sampel 2.25	5.197	4478.2993	451.7635	95.09	1.44	7878.637	30.03091
sampel 3.25	5.201	4010.1499	434.2296	85.15	1.39	8012.116	30.43990
sampel 3.25	5.196	3991.1609	434.9560	84.74	1.40	8059.331	30.51600
sampel 3.25	5.198	3996.0399	434.9296	84.85	1.40	8033.534	30.40166
sampel 3.25	5.196	3992.2854	434.8704	84.77	1.40	8053.465	30.48096
sampel 3.25	5.199	4019.4778	435.7159	85.34	1.40	8038.332	30.45203
sampel 3.25	5.196	3995.7209	434.4487	84.63	1.40	8070.063	30.52334
sampel 4.25	5.195	3780.5215	409.5367	79.85	1.38	8068.261	30.45072
sampel 4.25	5.194	3907.6472	426.8735	82.97	1.40	8056.835	30.42578
sampel 4.25	5.196	3872.0858	414.8548	82.21	1.44	7914.120	30.20657
sampel 4.25	5.192	3791.7415	425.3919	80.51	1.38	8162.977	30.64695
sampel 4.25	5.194	3793.8192	410.4631	79.91	1.40	8076.376	30.47609
sampel 4.25	5.199	3900.1992	428.4040	82.81	1.40	8126.561	30.63444
Max	5.223	4523.3237			1.47	8182.977	30.64696
Min	5.199	3780.5215			1.38	7745.230	29.92364
Mean	5.203	4200.5629	445.8283	89.189	1.42	7935.060	30.25993
Std Dev:	0.011	299.5402	23.4256	8.360	0.02	137.896	0.23536
%RSD	0.209	7.1310	5.2544	7.1310	1.89	1.735	0.77779

Sequence Summary Report

Nama Operator : Sandi

Disolusi Menit 30

 Agilent Technologies

Nama : Oedasebron

Name	RT	Area	Height	Amount	Tail Factor	Theoretical Plates	Peak Resolution USP
sampel 1.30	5.187	4426.4755	469.2024	93.99	1.44	7566.044	30.36036
sampel 1.30	5.192	4435.5439	464.1289	94.20	1.43	7560.343	30.41217
sampel 1.30	5.189	4581.2407	471.3543	97.37	1.46	7524.474	30.27337
sampel 1.30	5.185	4593.6973	464.3409	97.26	1.42	8019.549	30.43158
sampel 1.30	5.191	4420.3457	466.2495	93.86	1.42	8010.226	30.42619
sampel 1.30	5.189	4473.9399	466.9623	94.98	1.46	7566.889	30.22614
sampel 2.30	5.194	4024.1343	505.2415	98.16	1.41	8066.967	30.55305
sampel 2.30	5.195	4026.2903	502.8149	96.23	1.41	8037.482	30.53067
sampel 2.30	5.187	4637.0513	503.9512	96.24	1.41	8060.863	30.50630
sampel 2.30	5.191	4634.7481	504.2091	96.41	1.42	8048.974	30.53117
sampel 2.30	5.192	4629.9629	503.6693	96.31	1.41	8054.600	30.55761
sampel 2.30	5.190	4629.9683	505.0253	96.31	1.41	8063.387	30.54183
sampel 3.30	5.189	4099.6099	446.7084	86.96	1.40	8064.906	30.52101
sampel 3.30	5.193	4101.2806	448.5911	87.06	1.40	8117.705	30.57568
sampel 3.30	5.195	4101.0938	446.0614	87.08	1.41	8073.948	30.50481
sampel 3.30	5.197	4111.7041	448.6750	87.30	1.40	8083.435	30.47341
sampel 3.30	5.195	4099.9253	448.3682	87.05	1.40	8067.059	30.56156
sampel 3.30	5.198	4099.3232	448.6994	87.04	1.41	8106.487	30.54428
sampel 4.30	5.195	3872.6900	453.3303	82.25	1.36	8480.464	31.20718
sampel 4.30	5.195	3890.6495	425.5602	82.61	1.40	8129.871	30.64986
sampel 4.30	5.192	3889.9702	457.5100	84.85	1.37	8348.569	30.97797
sampel 4.30	5.192	3893.2393	425.3162	82.49	1.40	8131.772	30.55640
sampel 4.30	5.195	3992.8638	453.8931	82.02	1.38	8512.967	31.26781
sampel 4.30	5.190	3890.0593	425.0677	82.58	1.40	8116.634	30.61316
Max	5.198	4634.7481			1.46	8512.967	31.26781
Min	5.184	3982.8636			1.36	7566.889	30.22614
Mean	5.192	4279.0759	464.7495	90.856	1.41	8104.256	30.57693
Std.Dev.	0.004	301.1443	26.4889	6.354	0.02	149.651	0.24567
%RSD	0.089	7.0376	5.6953	7.0376	1.78	1.847	0.80444

F. Foto Massa cetak dan Hasil Cetak

