

LAMPIRAN

Lampiran 1. Determinasi Daun Insulin (*Tithonia diversifolia*)



SEKOLAH TINGGI ILMU FARMASI "YAYASAN PHARMASI" PUSAT LABORATORIUM

Jalan Letnan Jendral Sarwo Edie Wibowo Km. 1 Plamongsari - Pucanggading - Semarang - 50193

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stifar_yaphar@hotmail.com

SURAT KETERANGAN IDENTIFIKASI

No : 1781/ IS-LBF/ Stifar/S. Ket-Det/ IV/ 2021

Bersama surat ini kami sampaikan hasil identifikasi dan determinasi tanaman yang digunakan untuk penelitian Sdr/ Sdri:

Nama : Melati Aprilliana Ramadhani M. Farm., Apt
Prodi : S1 Farmasi Fakultas Kesehatan Universitas Ngudi Waluyo

Identifikasi tumbuhan adalah sebagai berikut :

Divisio : Spermatophyta
Sub Divisio : Angiospermae
Classis : Dicotyledoneae
Ordo : Asterales
Familia : Asteraceae
Genus : *Tithonia*
Spesies : *Tithonia diversifolia* (Hemsley) A Gray
Nama Indonesia : Insulin

Kunci Determinasi : 1b, 2b, 3b, 4b, 6b, 7b, 9b, 10b, 11b, 12b, 13b, 14b, 17b, 18b, 19b,
20b, 21b, 22b, 23a (166) Asteraceae. 1b, 3b, 33b, 41a, 42b, 61b,
62b, 63b, 65b, 66a, 67b, 71b, 72a, 56. *Tithonia*. 1a. *Tithonia*
diversifolia (Hemsley) A Gray

Literatur : Backer, C. A., Van Den Brink Jr, R. C. 1965. *Flora of Java*
(Spermatophytes only). Vol 1. N. V. P. Noordhoff. Groningen -
Netherlands

Demikian surat keterangan ini dibuat untuk digunakan sebagaimana mestinya.

Semarang, 10 Maret 2021

Mengetahui,
Kepala Pusat Laboratorium



Apt. Erna Prasetyaningrum S. Farm., M. Sc.

Pelaksana Determinasi

Indah Sulistyarni, M. Si

Lampiran 2. Perhitungan Penimbangan Bahan Nanoenkapsulasi

I. Perhitungan Kitosan

I. Kitosan 0,1%

$$\frac{0,1}{100} \times 100 = 0,1 \text{ gram}$$

II. Kitosan 0,2%

$$\frac{0,2}{100} \times 100 = 0,2 \text{ gram}$$

III. Kitosan 0,3%

$$\frac{0,3}{100} \times 100 = 0,3 \text{ gram}$$

IV. Kitosan 0,4%

$$\frac{0,4}{100} \times 100 = 0,4 \text{ gram}$$

II. Pembuatan Asam Asetat 1%

$$\frac{1}{100} \times 100 = 1 \text{ gram}$$

III. Perhitungan Na-TPP 0,01%

$$\frac{0,1}{100} \times 100 = 0,1 \text{ gram}$$

$$\frac{0,1}{x} = \frac{100}{50}$$

$$x = \frac{0,1 \times 50}{100}$$

$$x = 0,05 \text{ gram}$$

IV. Ekstrak Daun Insulin

0,1 gram dalam Etanol 96% 12,5 ml.

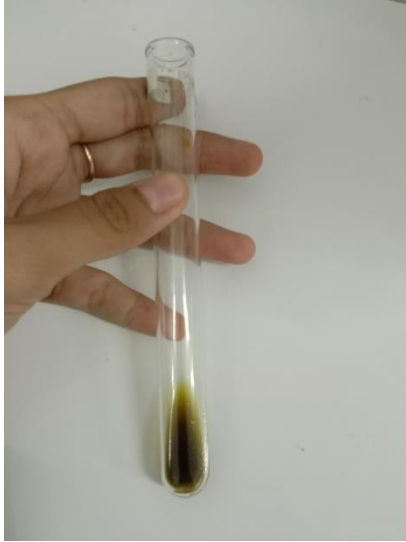
Lampiran 3. Penimbangan Bahan dan Uji Kadar Air Daun Insulin (*Tithonia diversifolia*)



Lampiran 4. Uji Kadar Air



Lampiran 5. Uji Bebas Etanol



Lampiran 6. Skrining Fitokimia Ekstrak Kental Daun Insulin (*Tithonia diversifolia*)



Uji saponin



Uji flavonoid



uji tanin



Uji fenolik



uji alkaloid mayer



uji alkaloid dragendroff

Lampiran 7. Penimbangan Bahan Pembuatan Nanoenkapsulasi



Kitosan 0,1 g



kitosan 0,2 g



kitosan 0,3 g



Kitosan 0,4 g



Na-TPP

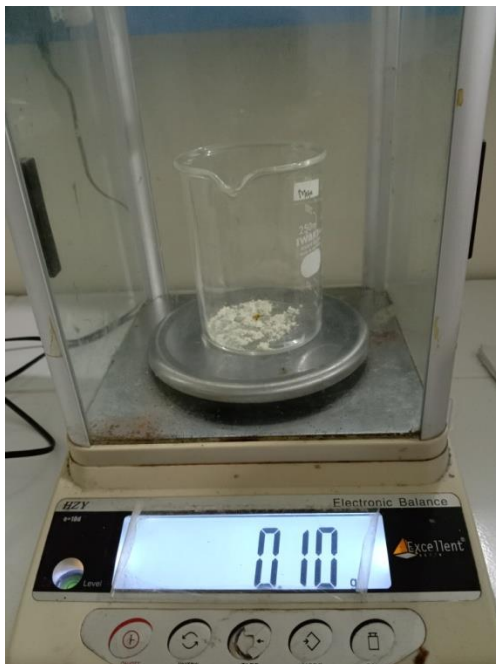


ekstrak daun insulin

Lampiran 8. Pembuatan Larutan Kitosan



Larutan 9. Pembuatan Larutan NaTPP 0,1%



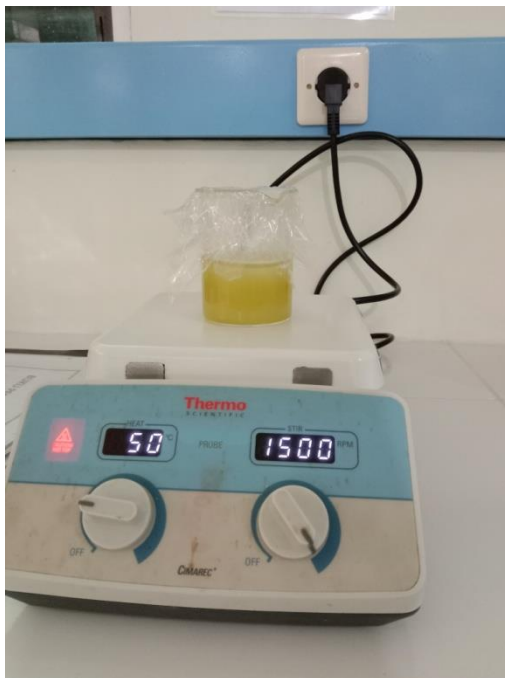
Lampiran 10. Pembuatan Nanoenkapsulasi Ekstrak Daun Insulin (*Tithonia diversifolia*)



Formula I



Formula II



Formula III



Formula IV

Lampiran 11. Hasil Nanoenkapsulasi



Formula I



Formula II

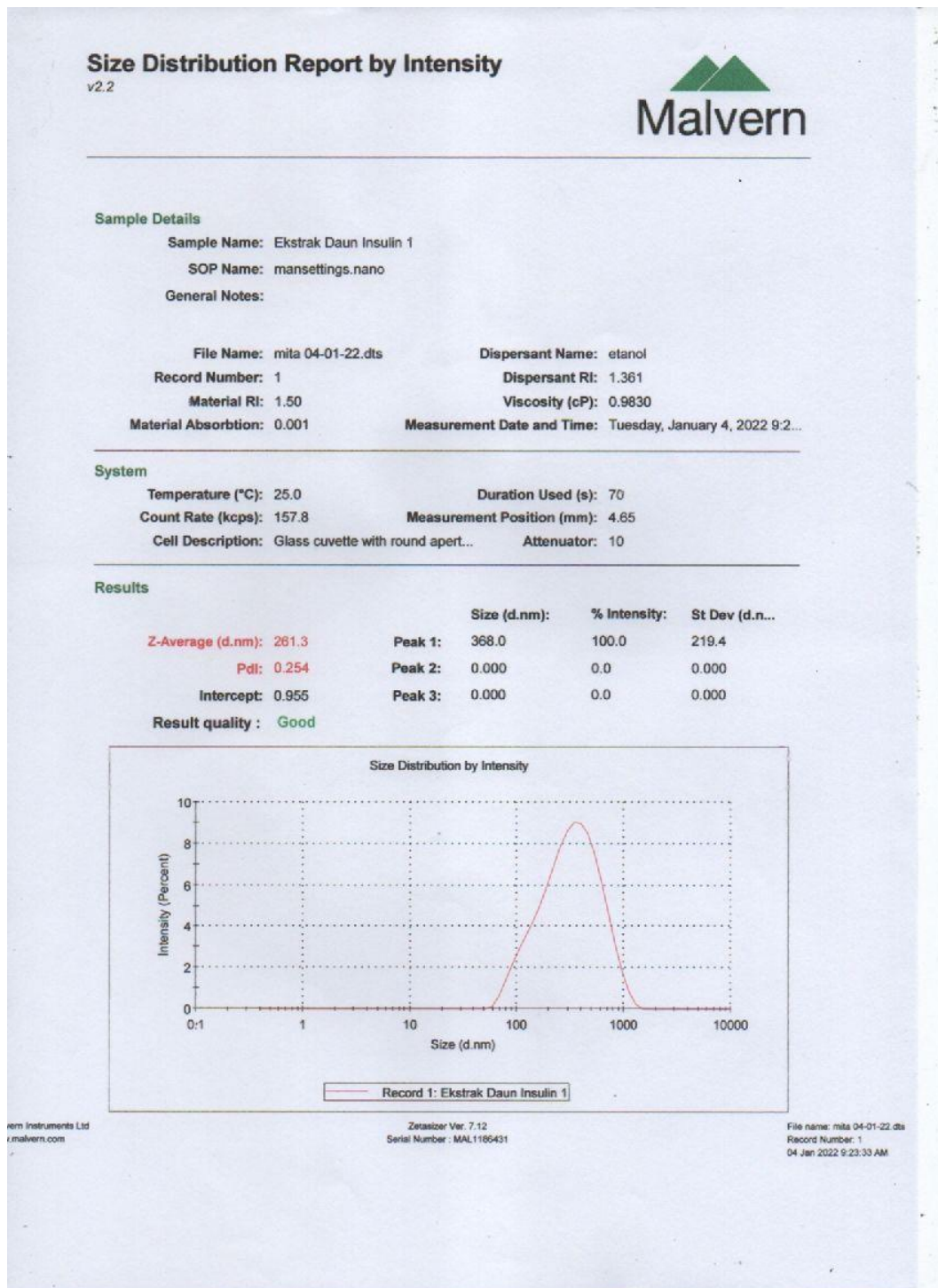


Formula III

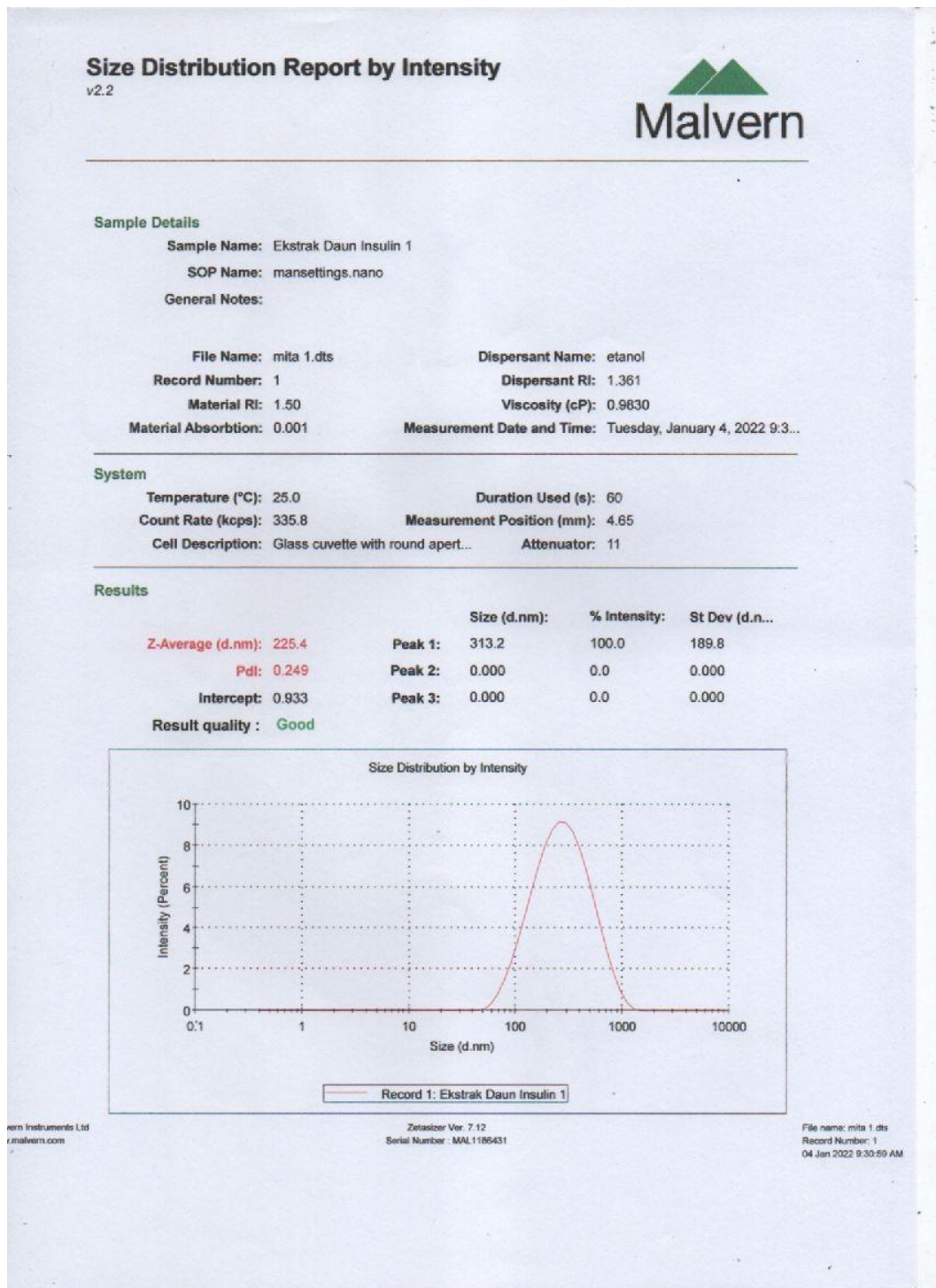


Formula IV

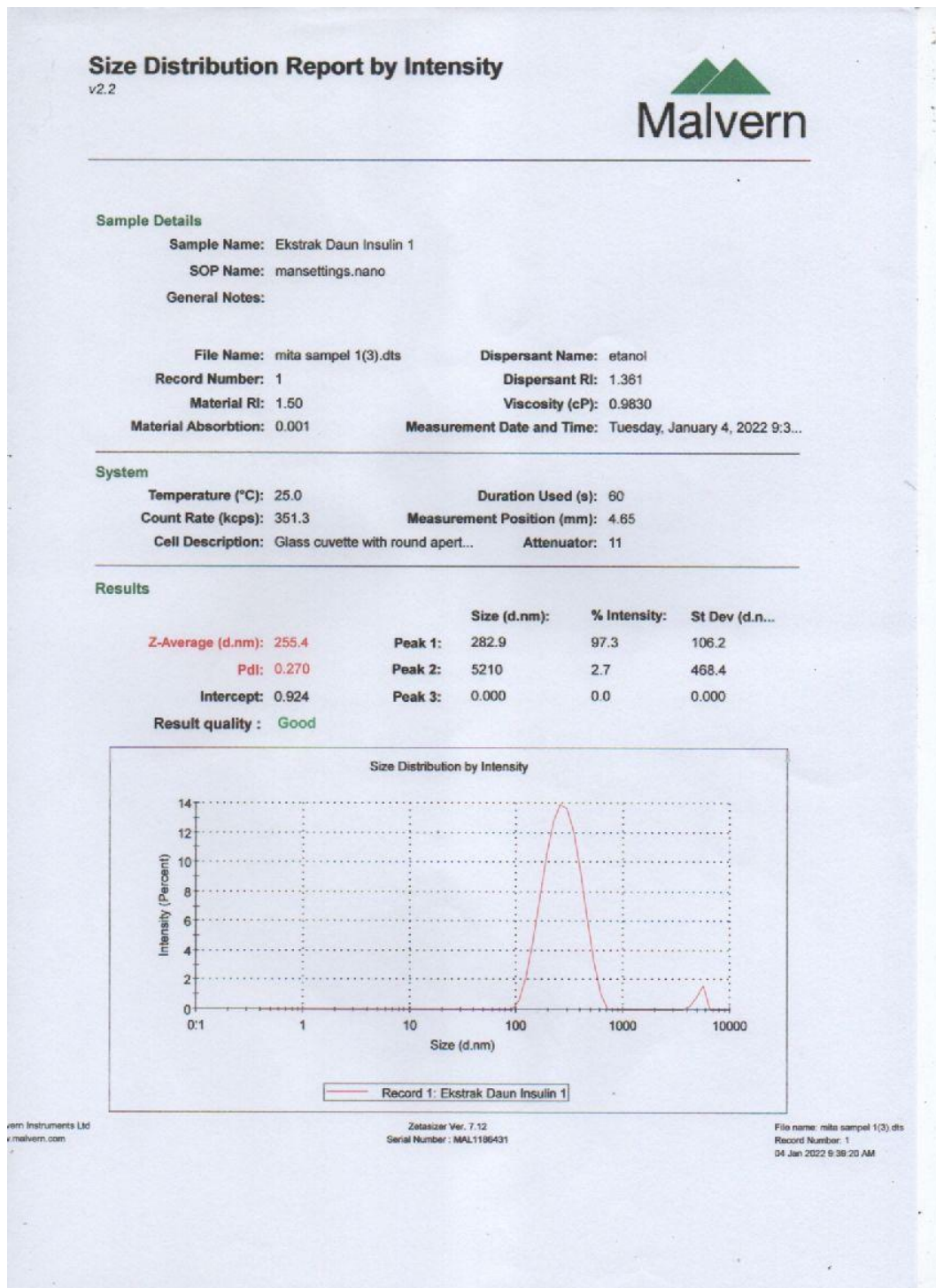
Lampiran 12. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula I Replikasi 1



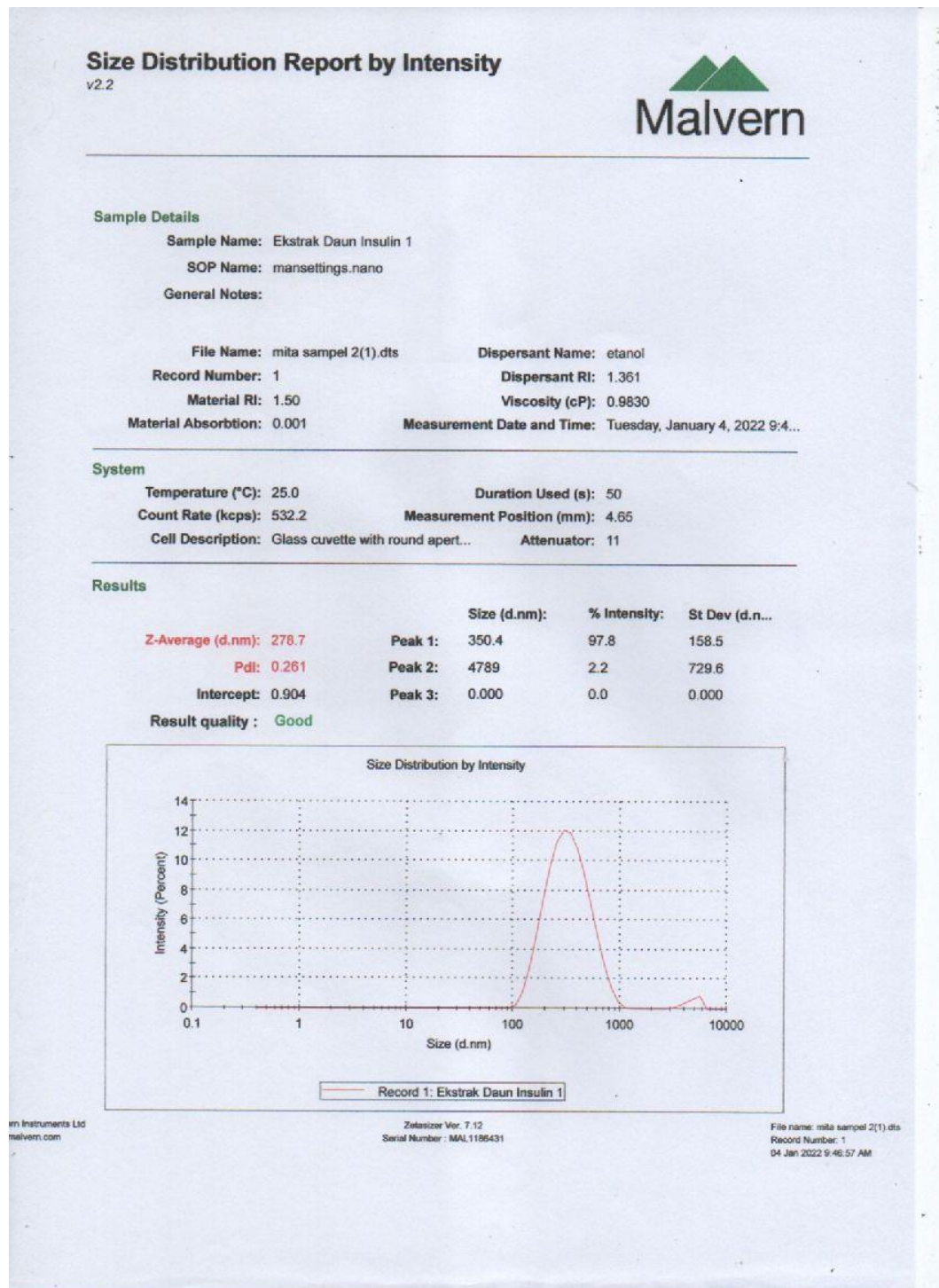
Lampiran 13. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula I Replikasi 2



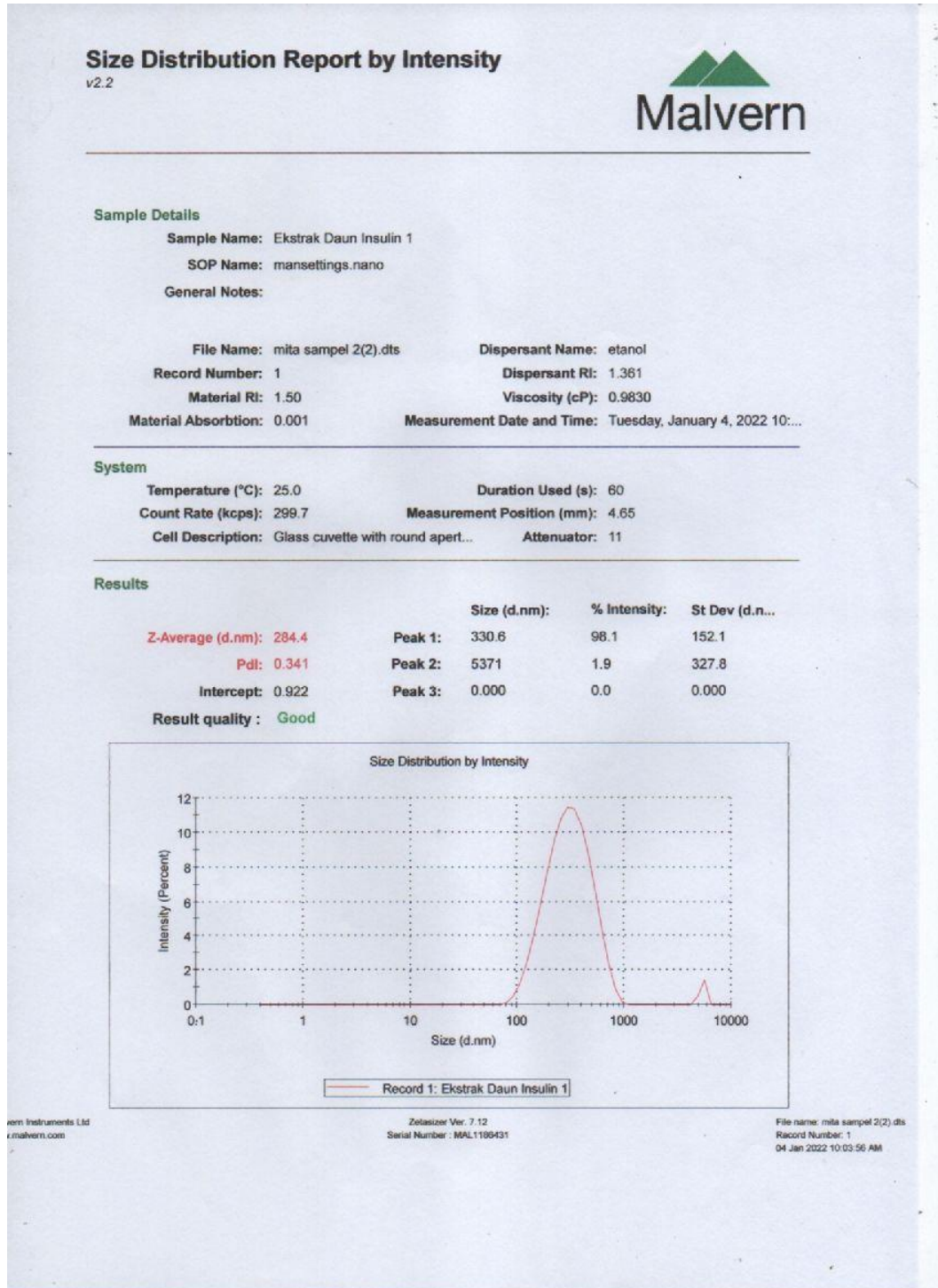
Lampiran 14. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula I Replikasi 3



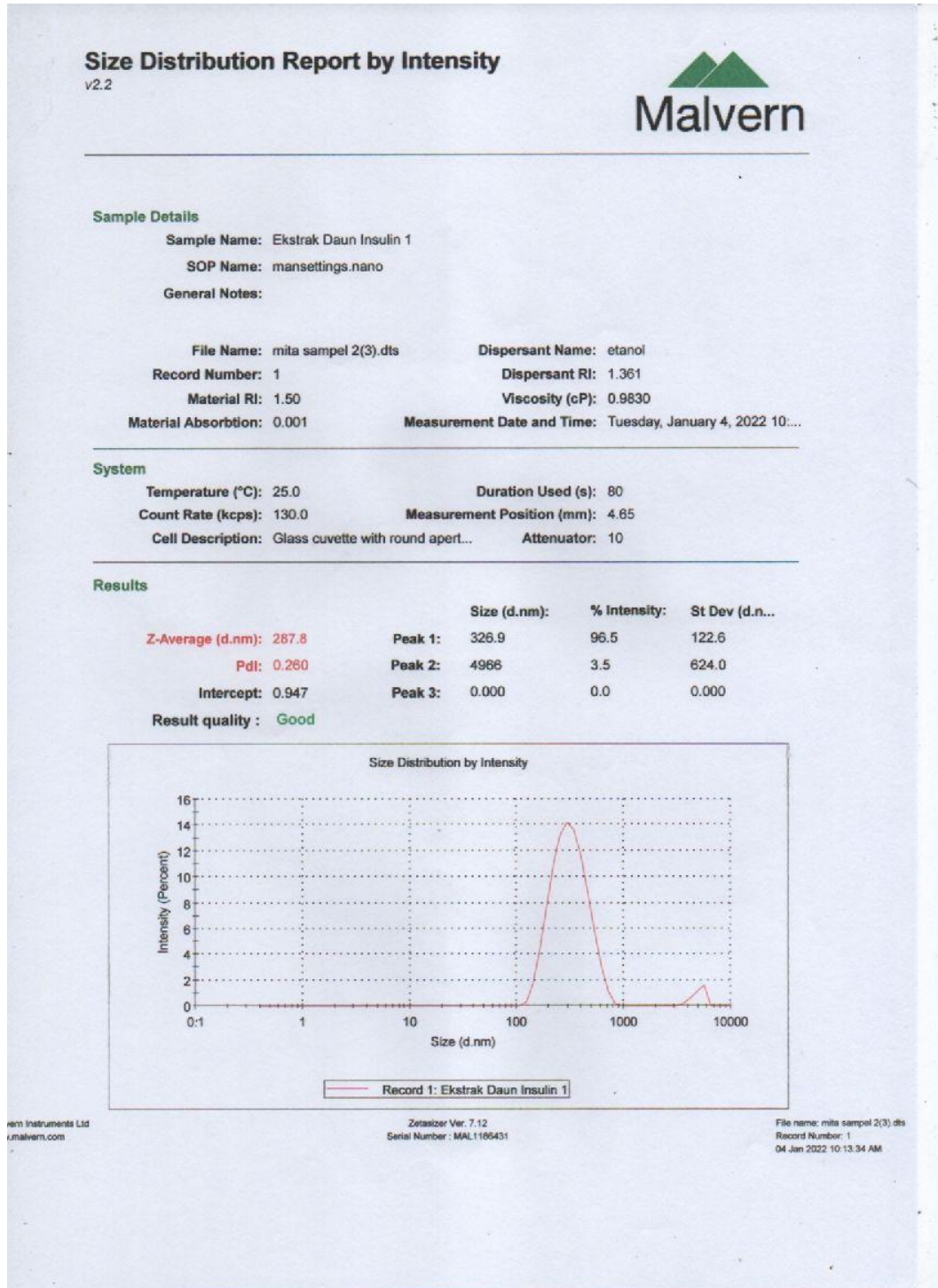
Lampiran 15. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula II Replikasi 1



Lampiran 16. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula II Replikasi 2

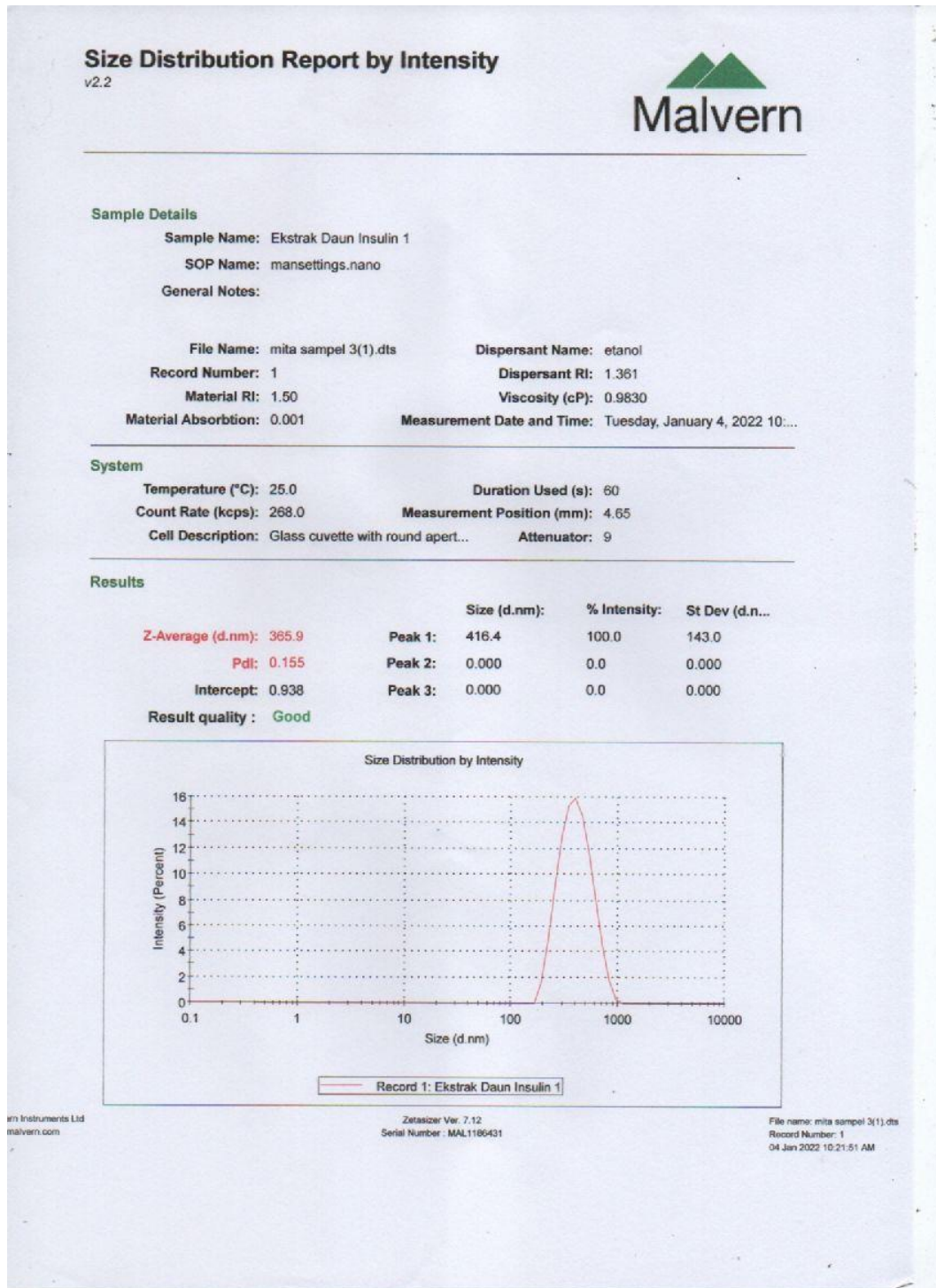


Lampiran 17. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula II Replikasi 3



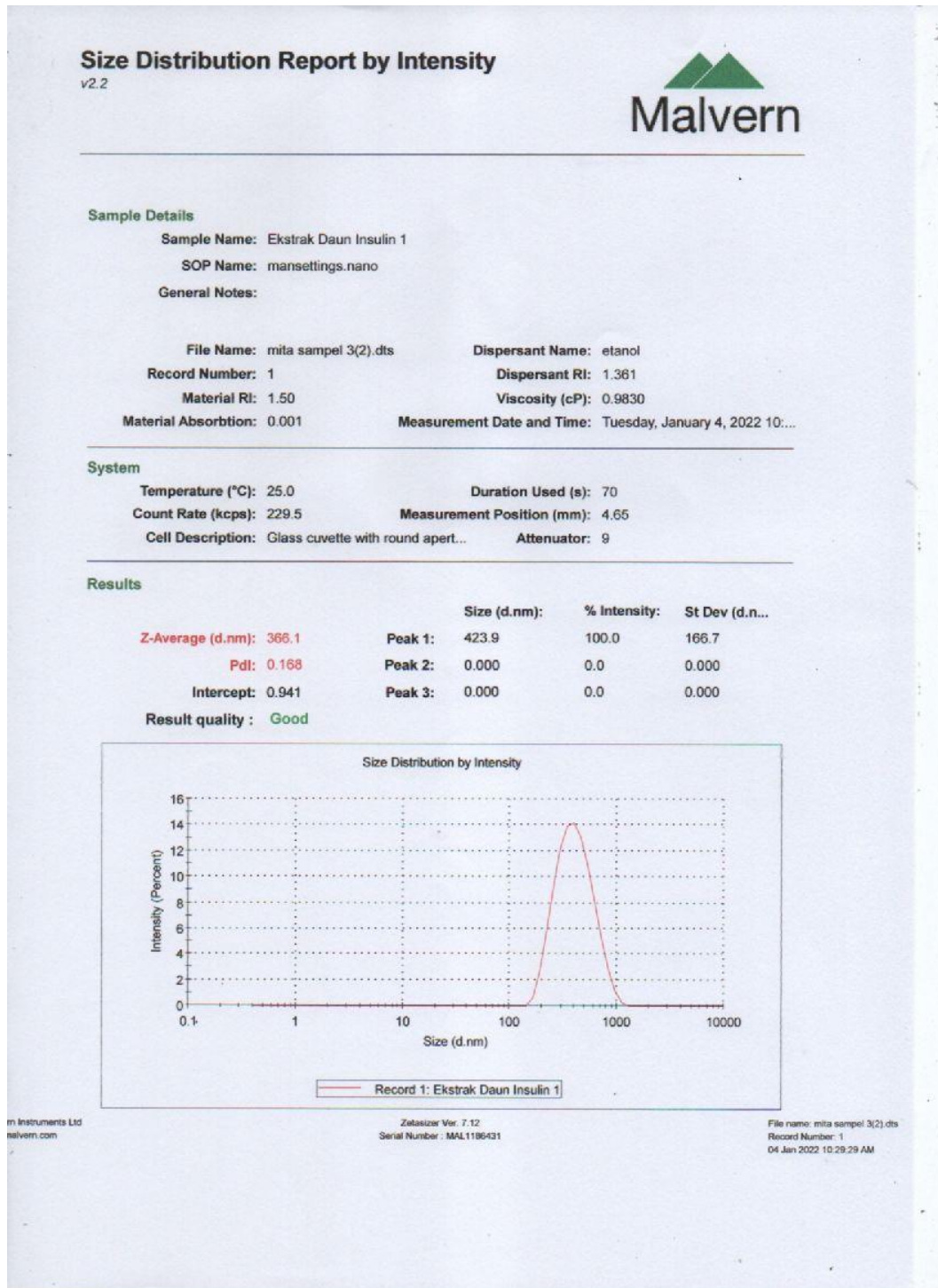
Lampiran 18. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula III Replikasi

1



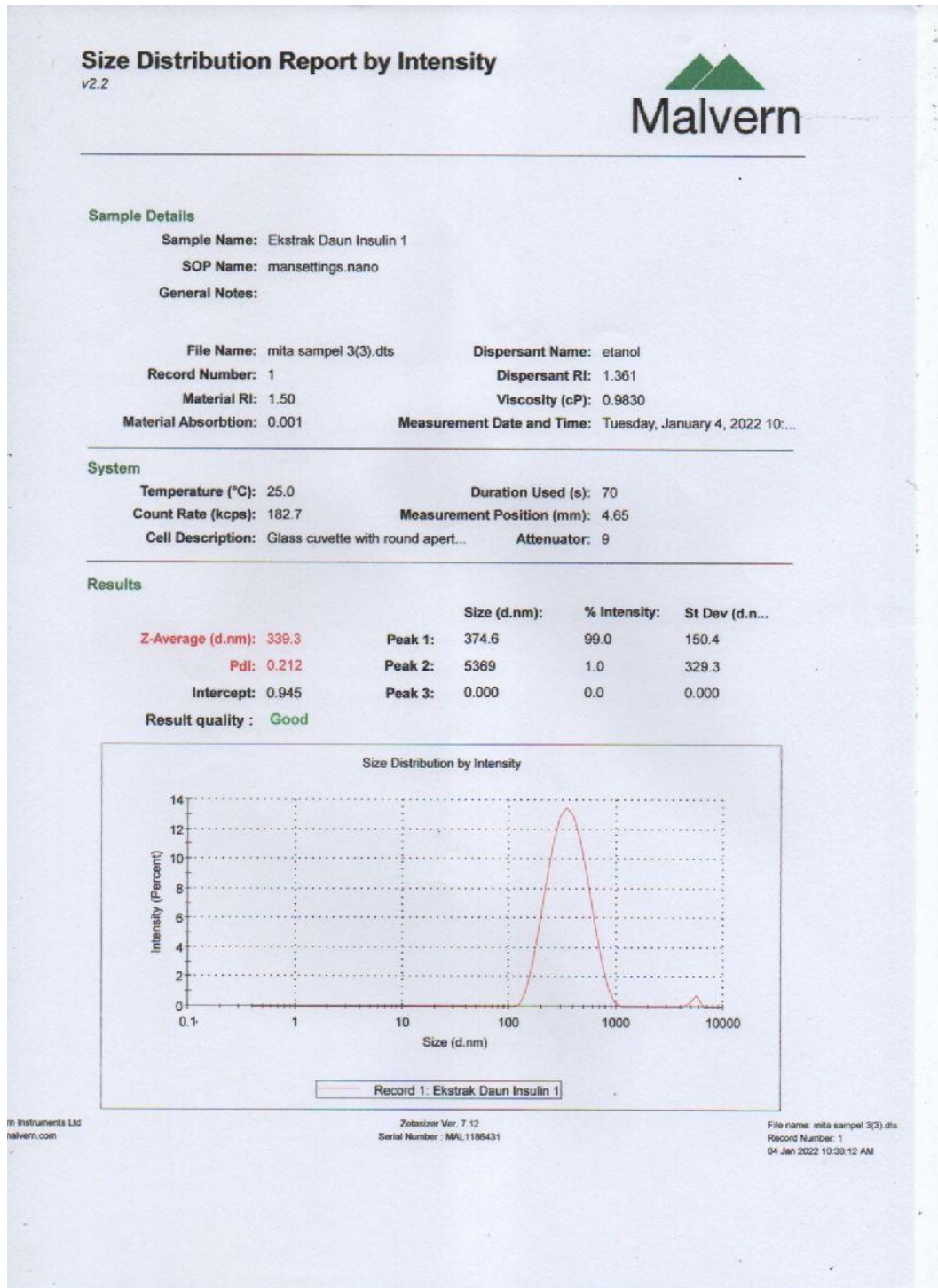
Lampiran 19. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula III Replikasi

2



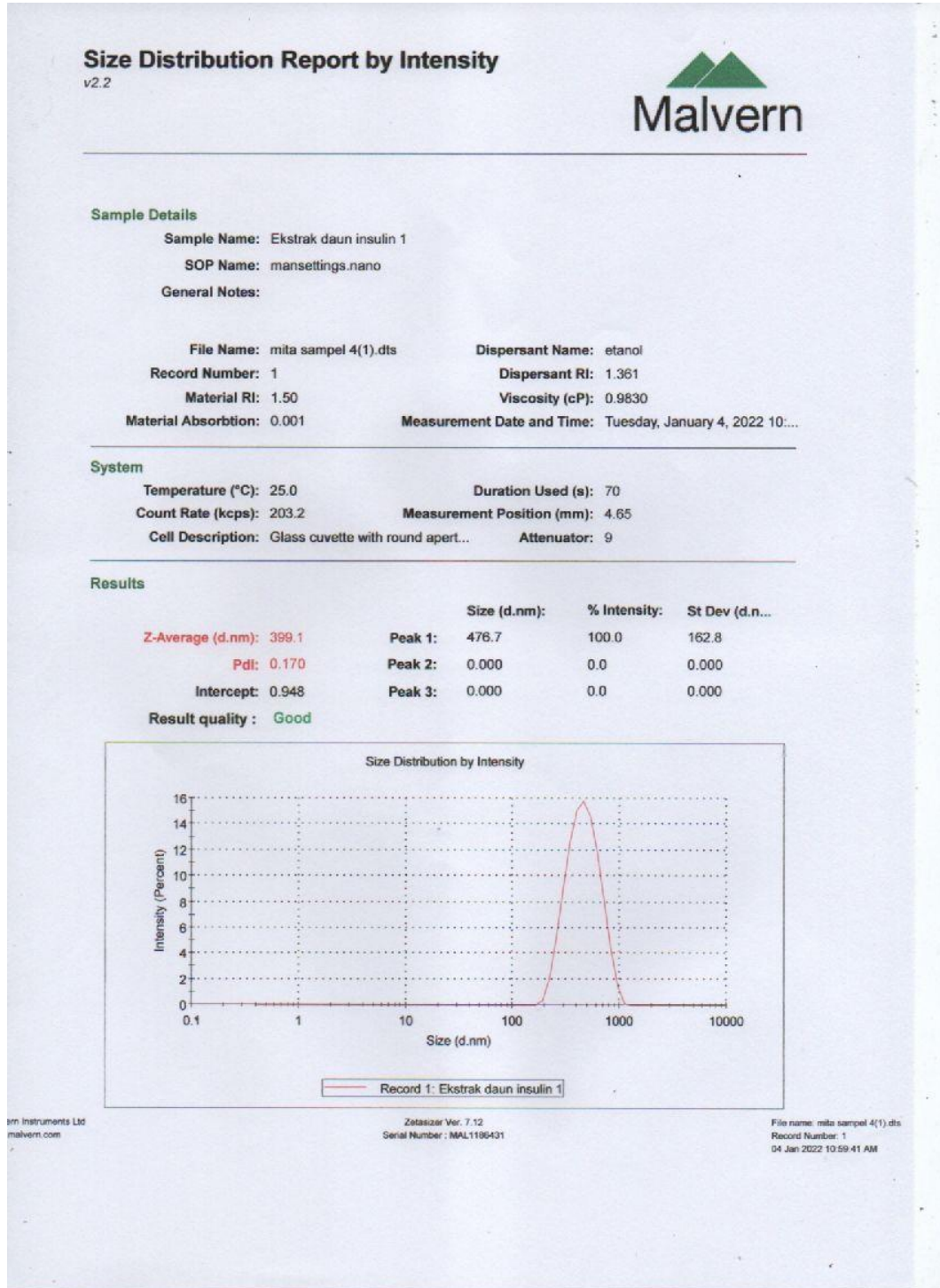
Lampiran 20. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula III Replikasi

3



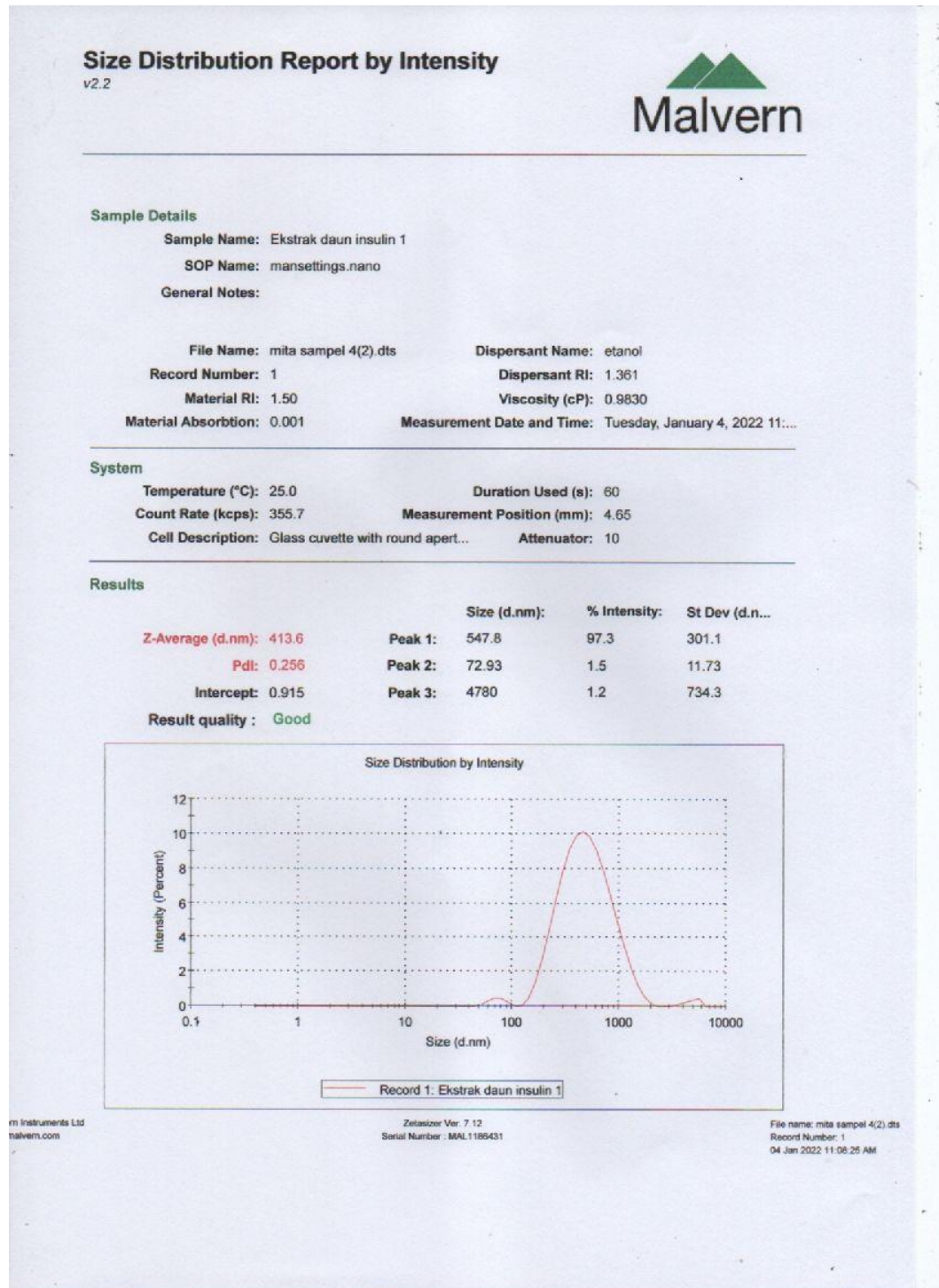
Lampiran 21. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula IV Replikasi

1



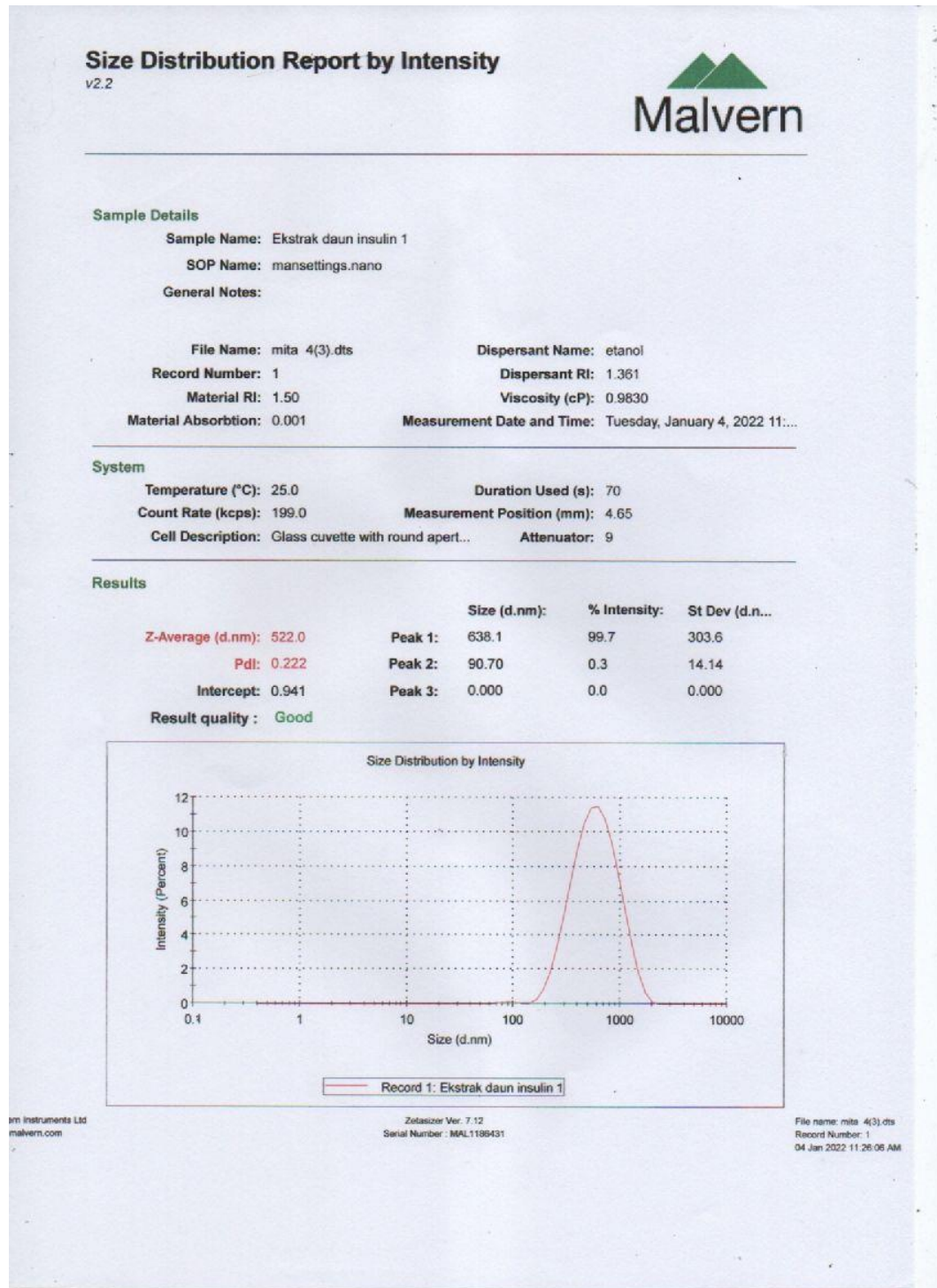
Lampiran 22. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula IV Replikasi

2

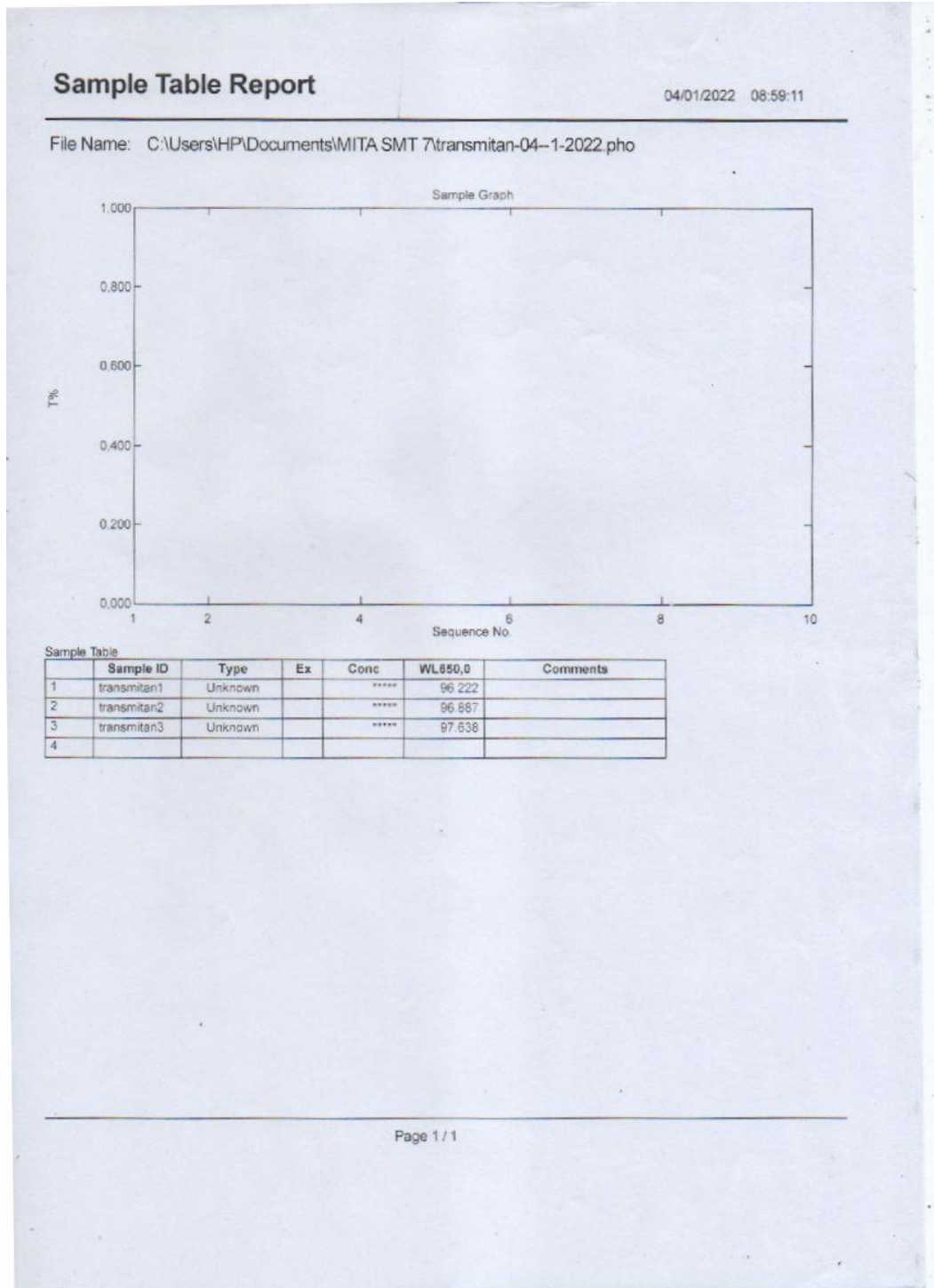


Lampiran 23. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula IV Replikasi

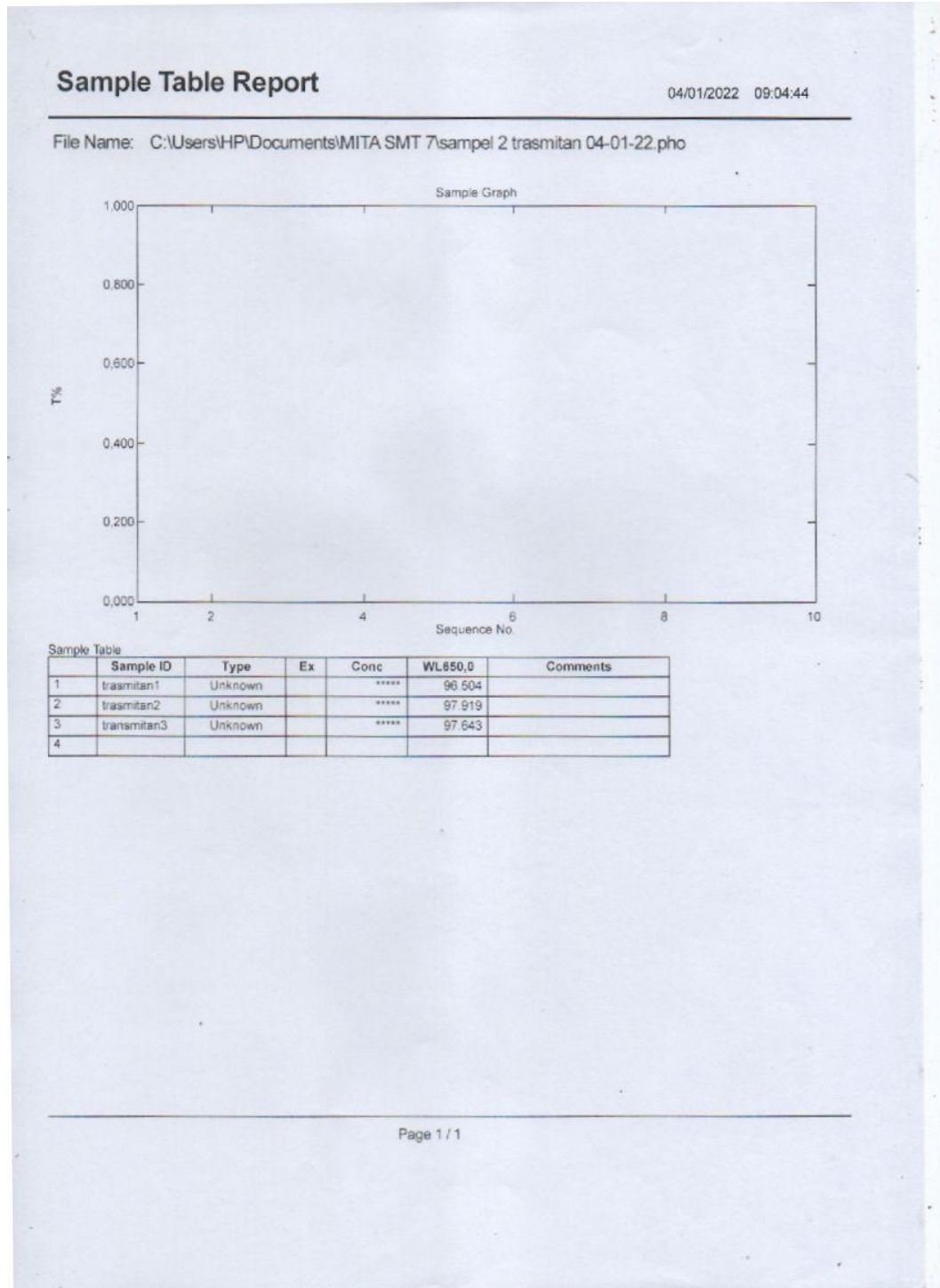
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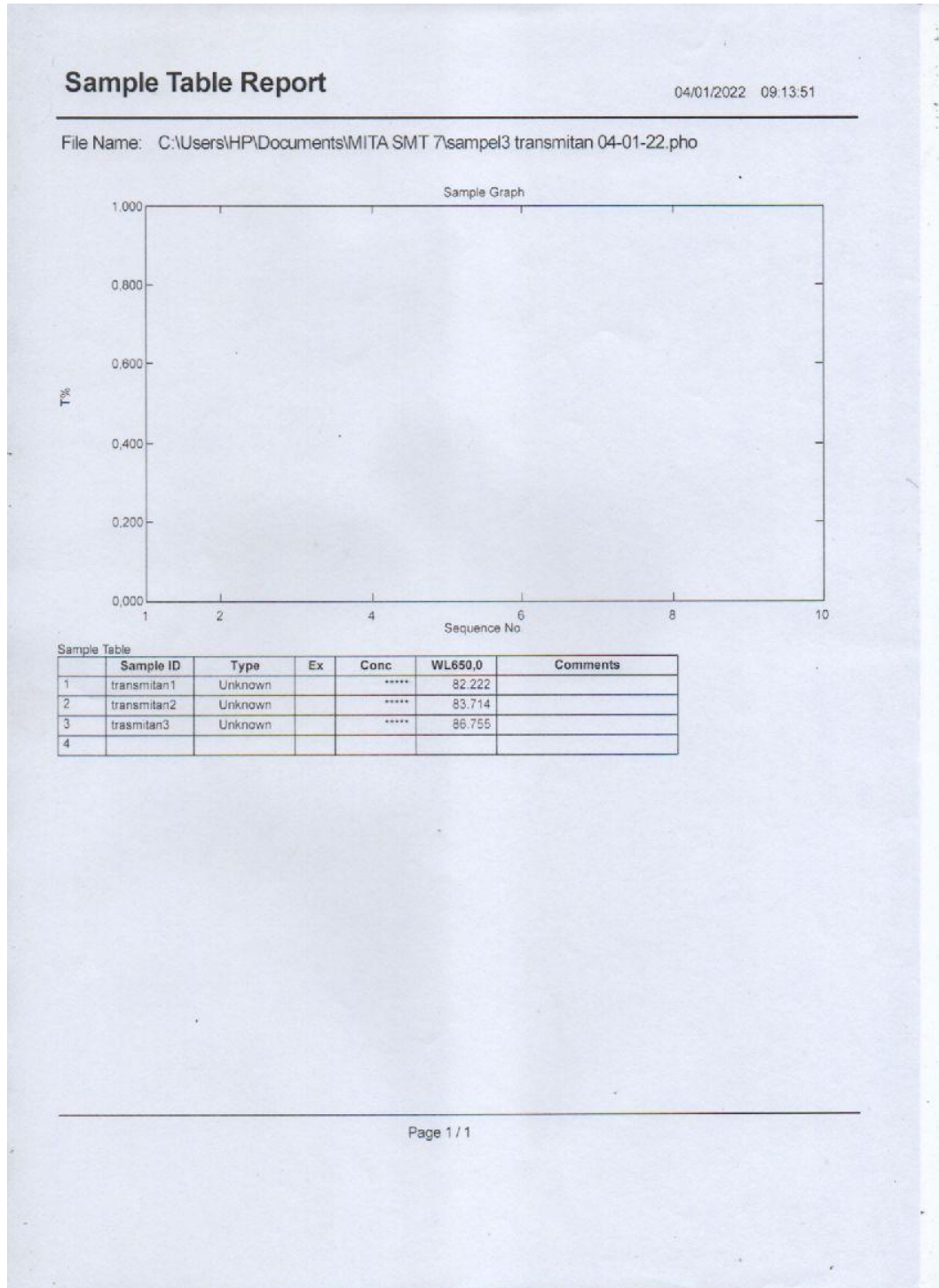
Lampiran 24. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula I



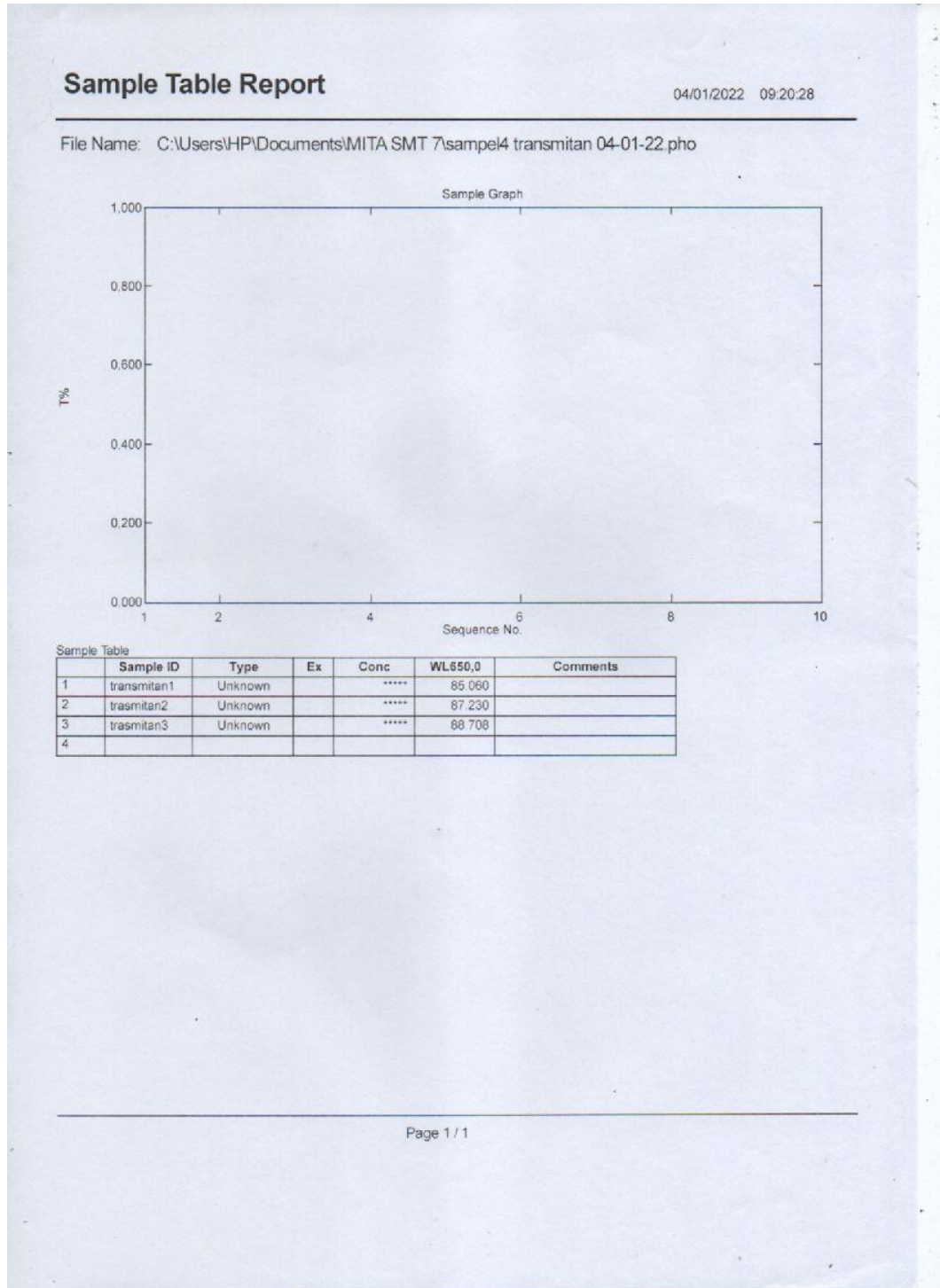
Lampiran 25. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula II



Lampiran 26. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula III



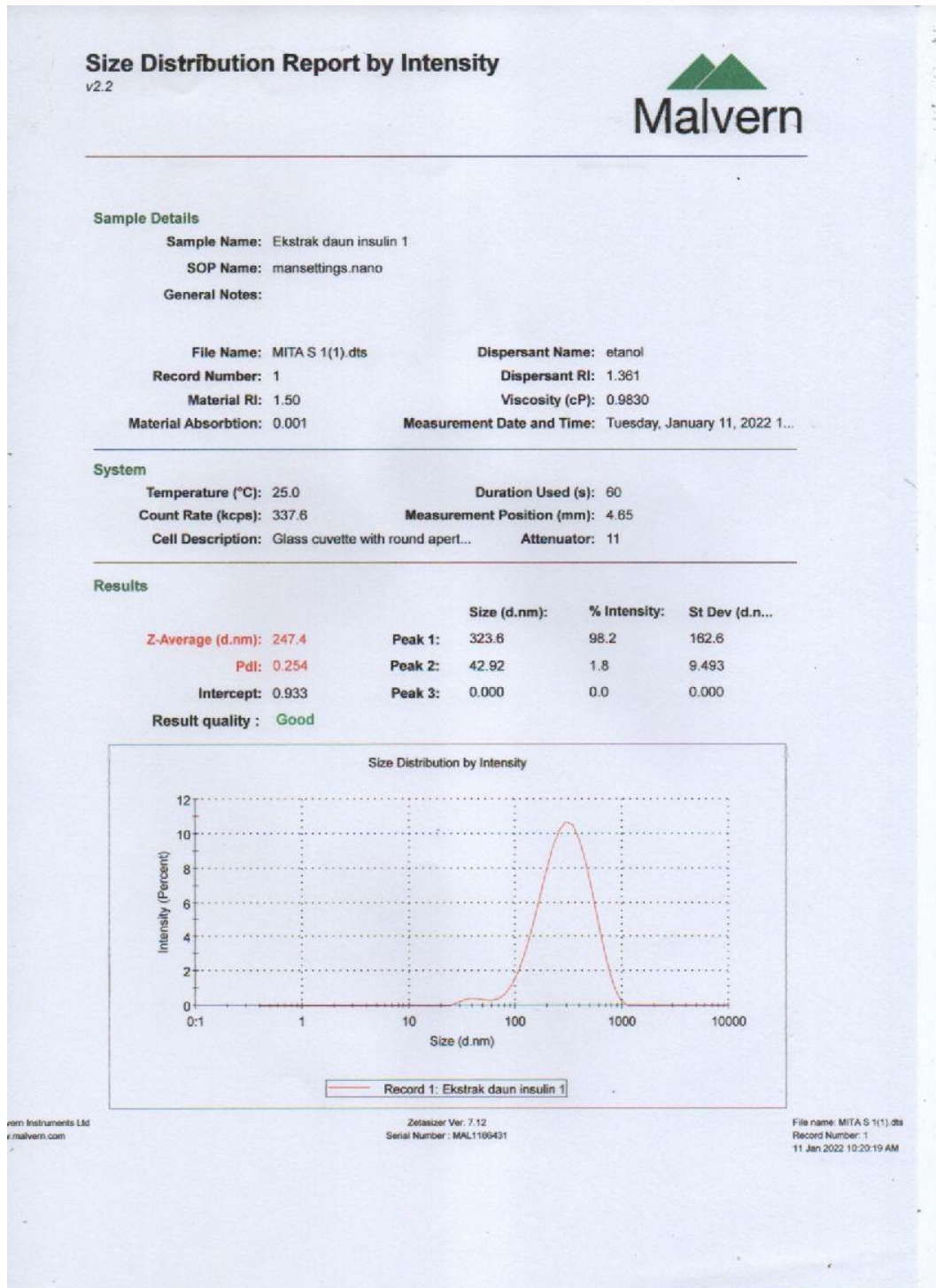
Lampiran 27. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula IV



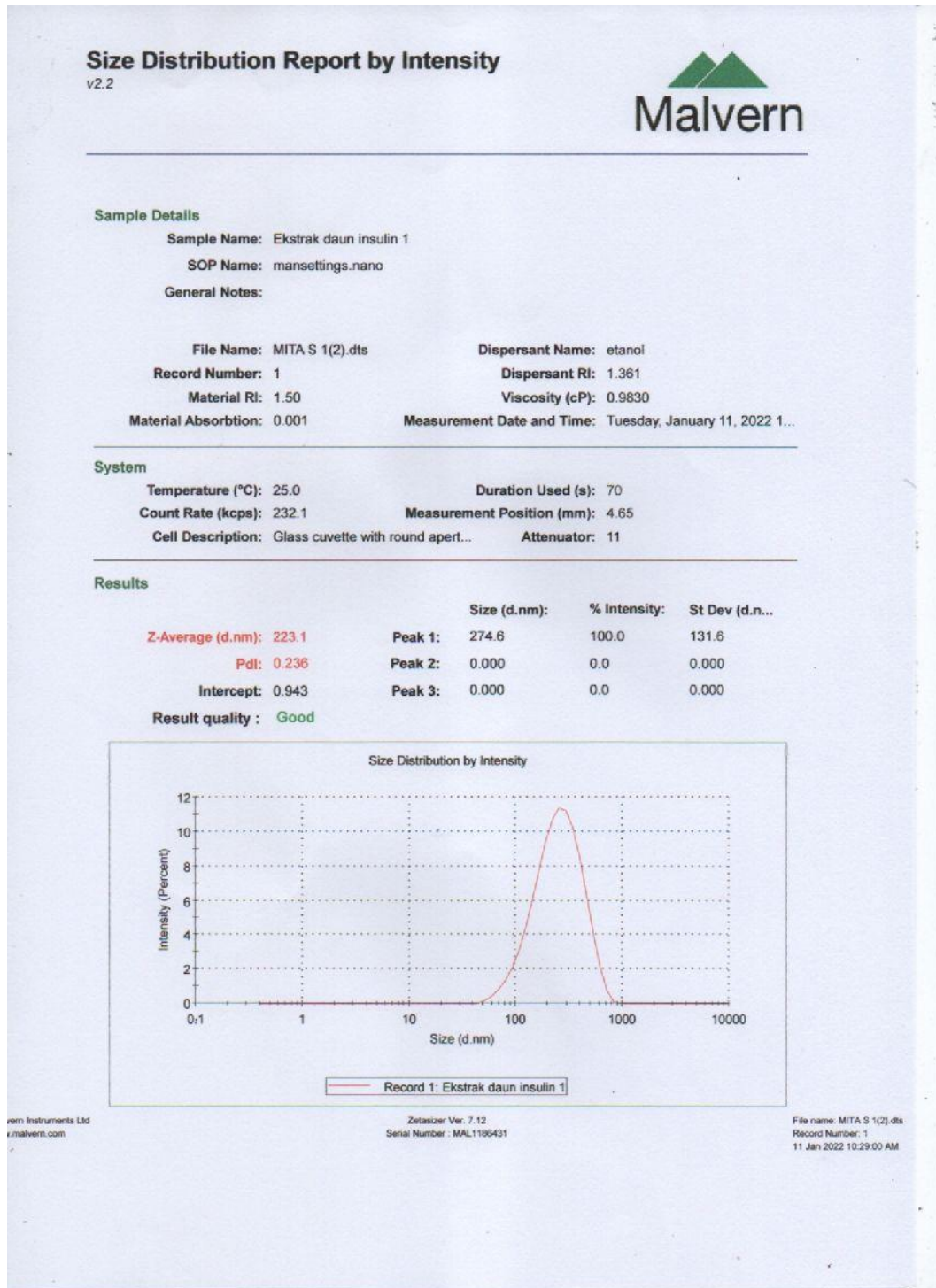
Lampiran 28. Cycling test dengan climatic chamber



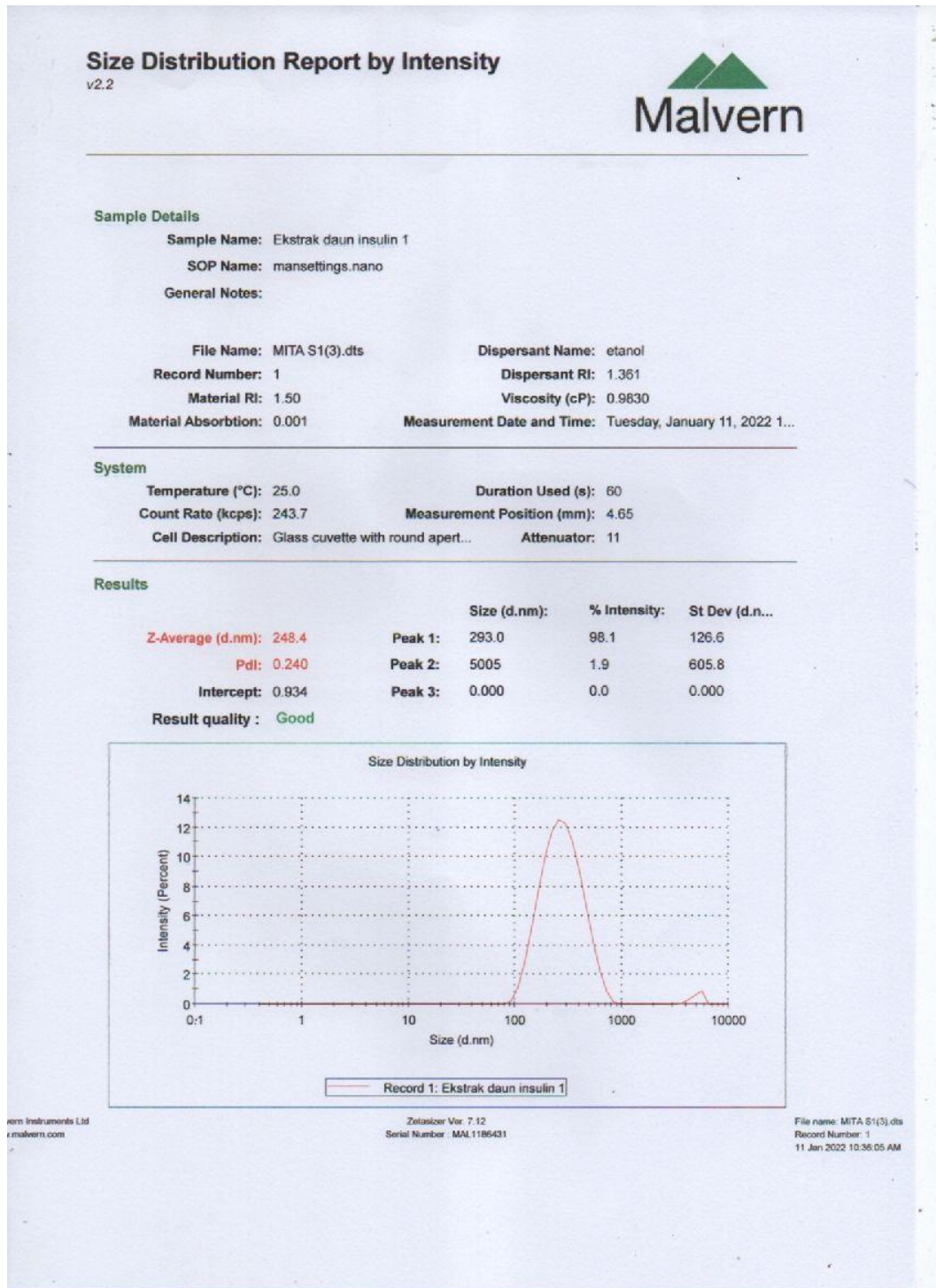
Lampiran 29. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula I Replikasi 1 setelah Cycling test



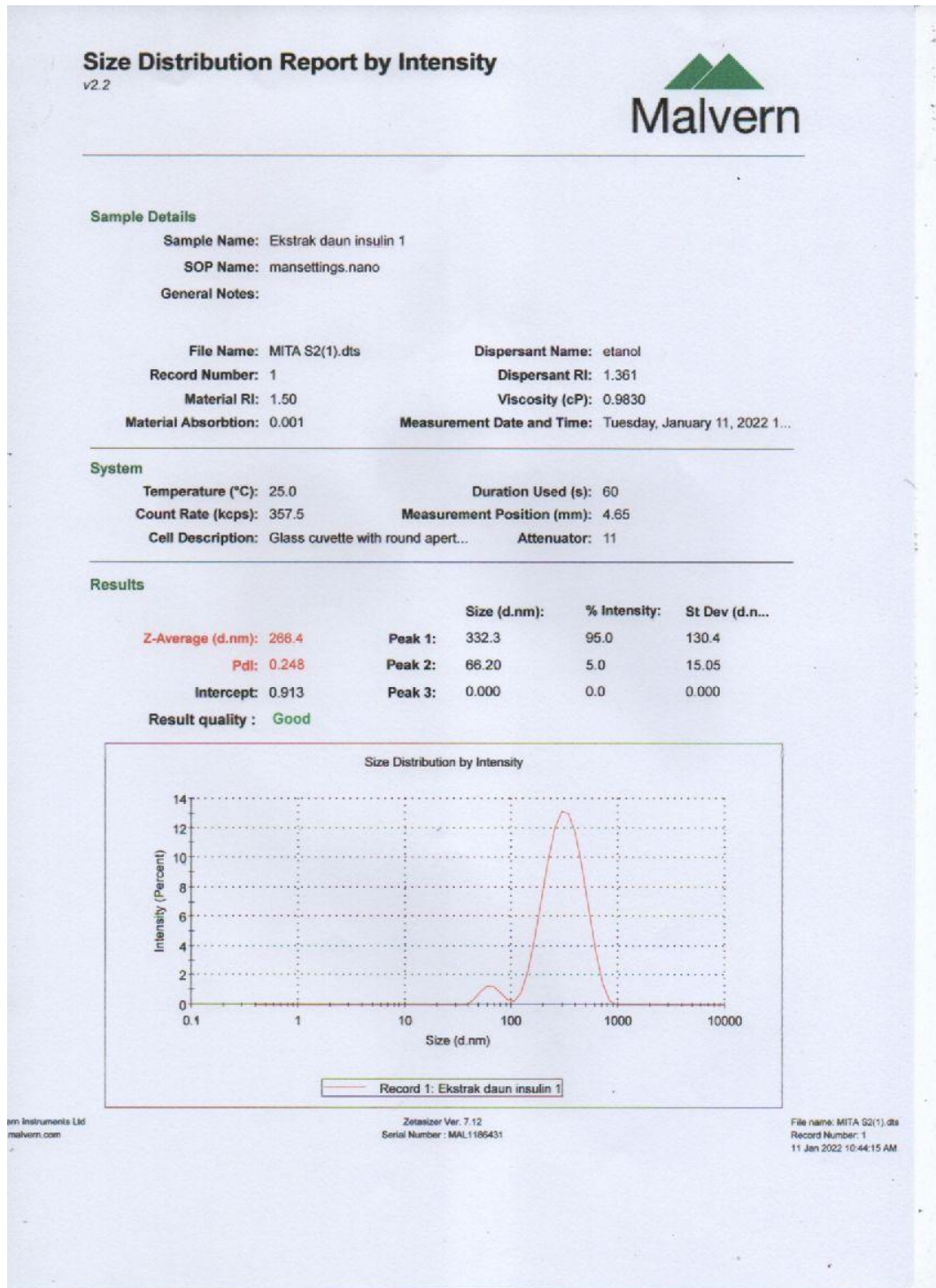
Lampiran 30. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula I Replikasi 2 setelah Cycling test



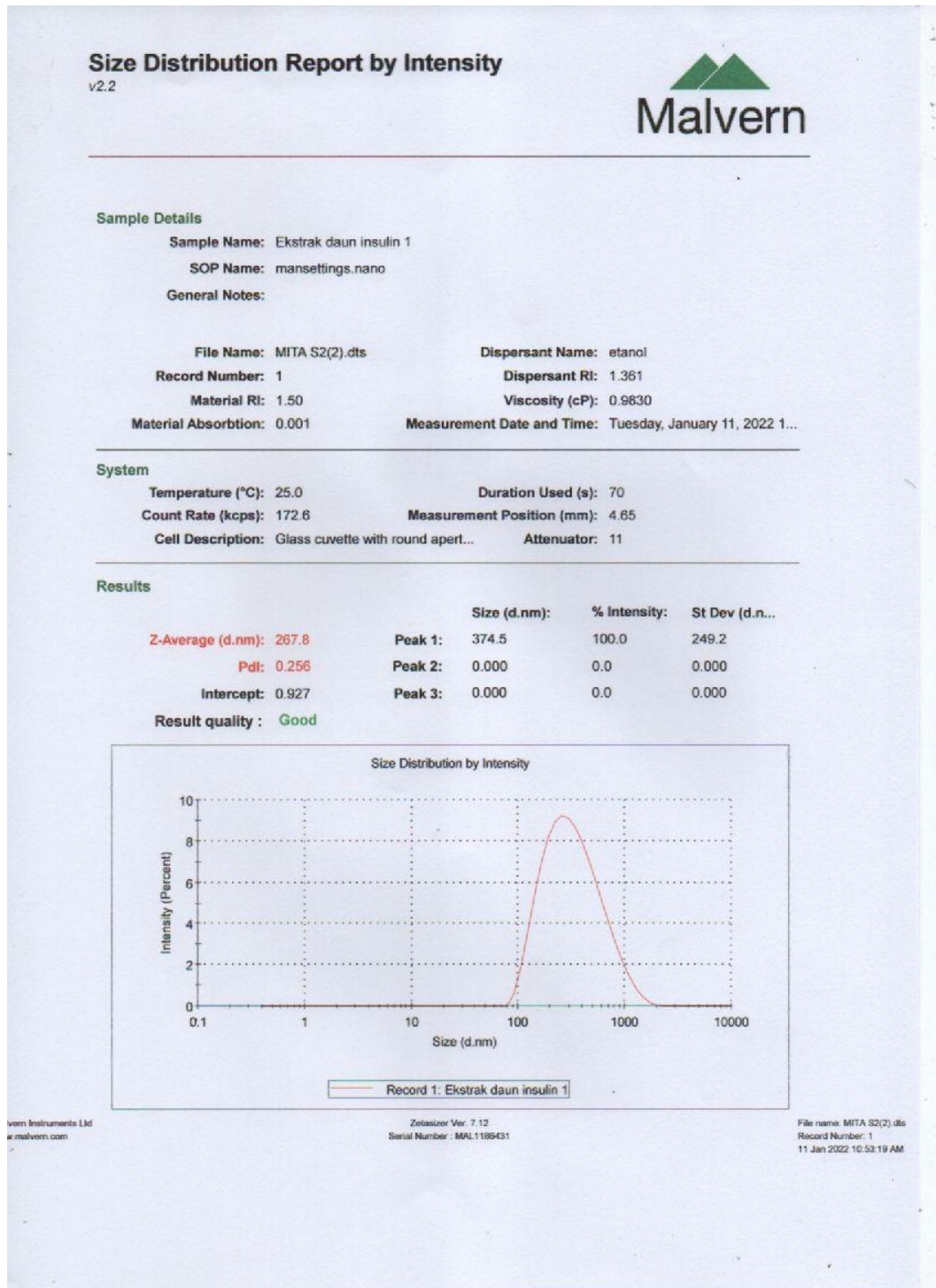
Lampiran 31. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula I Replikasi 3 setelah Cycling test



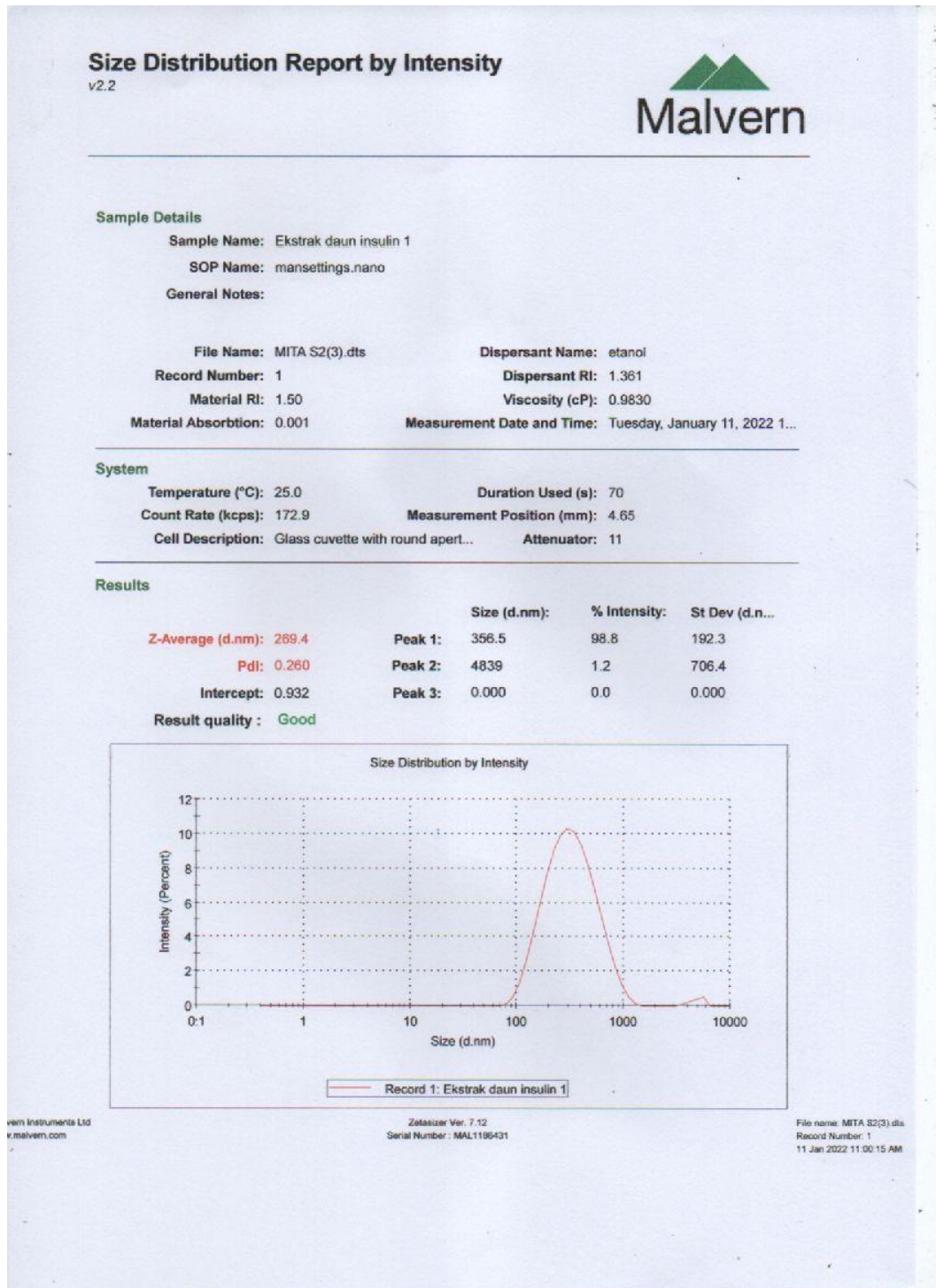
Lampiran 32. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula II Replikasi 1 setelah Cycling test



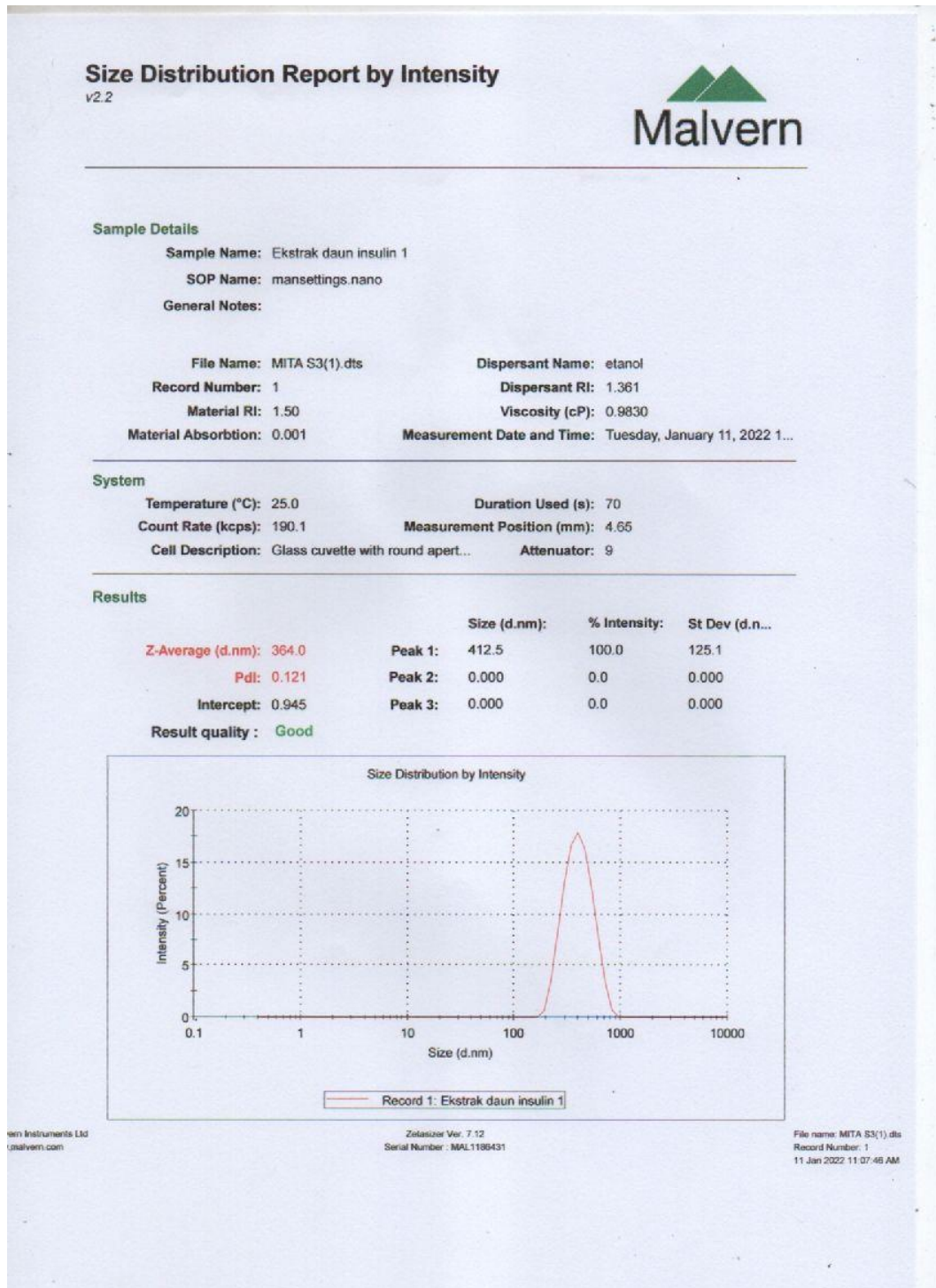
Lampiran 33. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula II Replikasi 2 setelah Cycling test



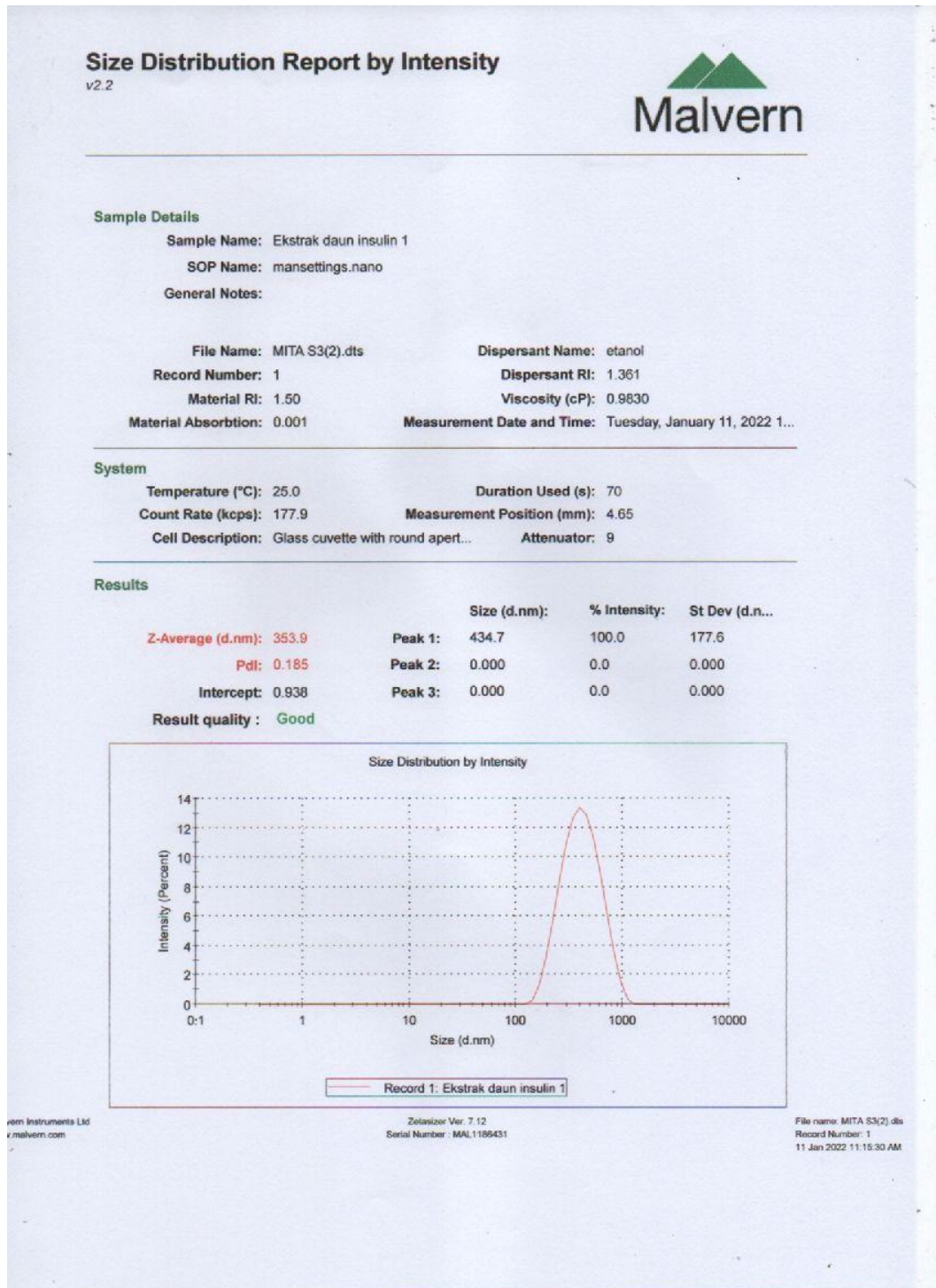
Lampiran 34. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula II Replikasi 3 setelah Cycling test



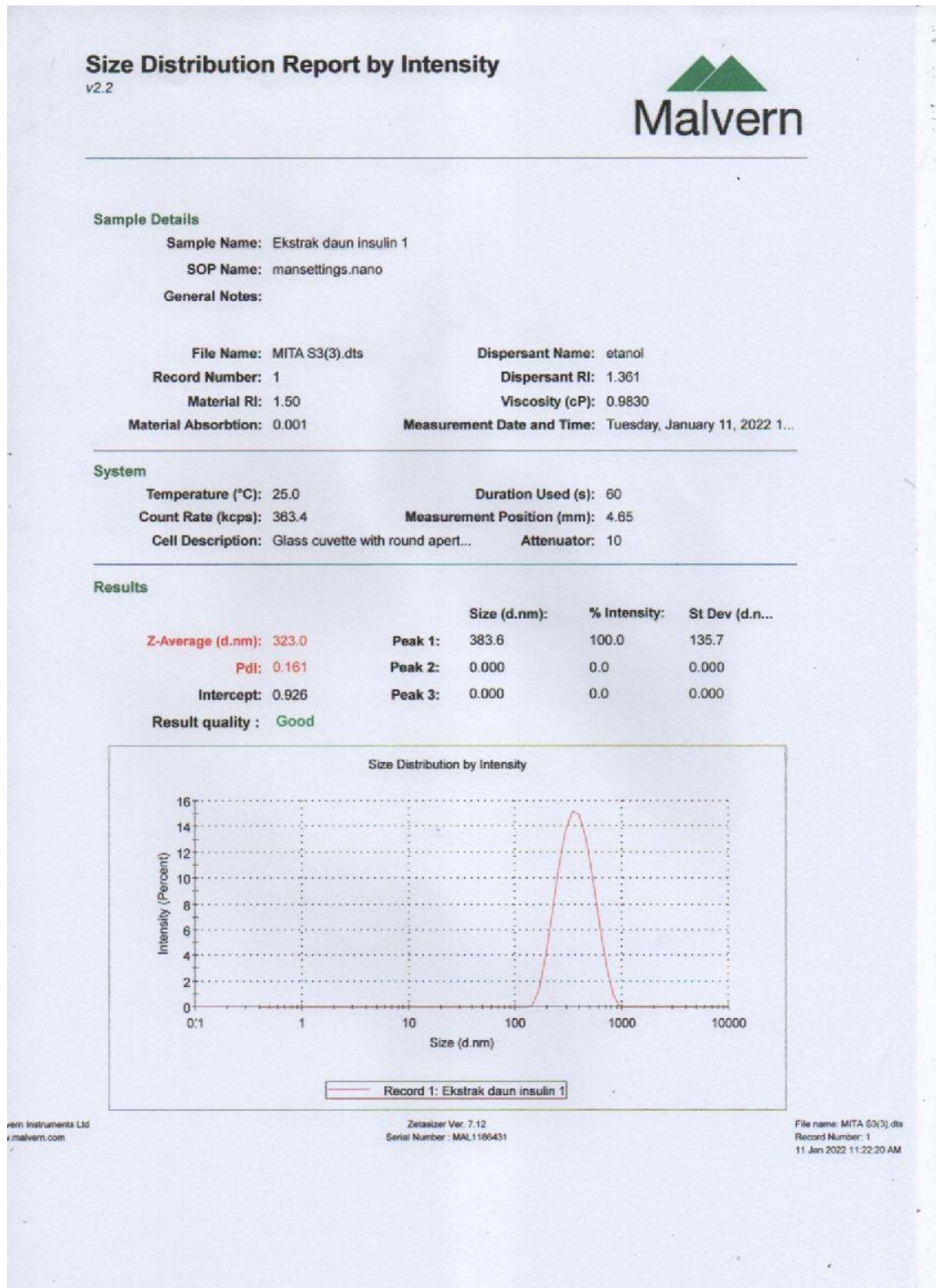
Lampiran 35. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula III Replikasi 1 setelah Cycling test



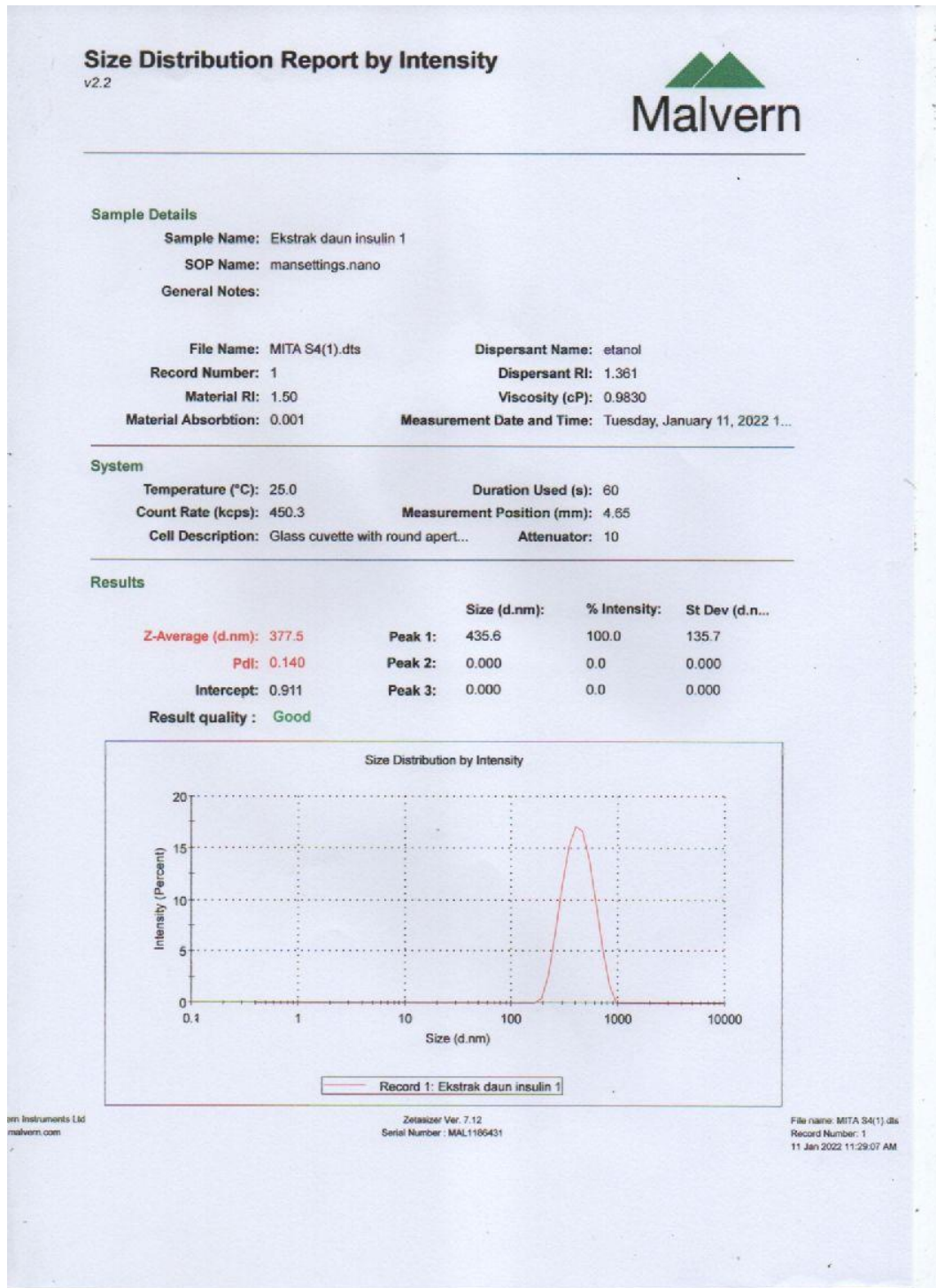
Lampiran 36. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula III Replikasi 2 setelah Cycling test



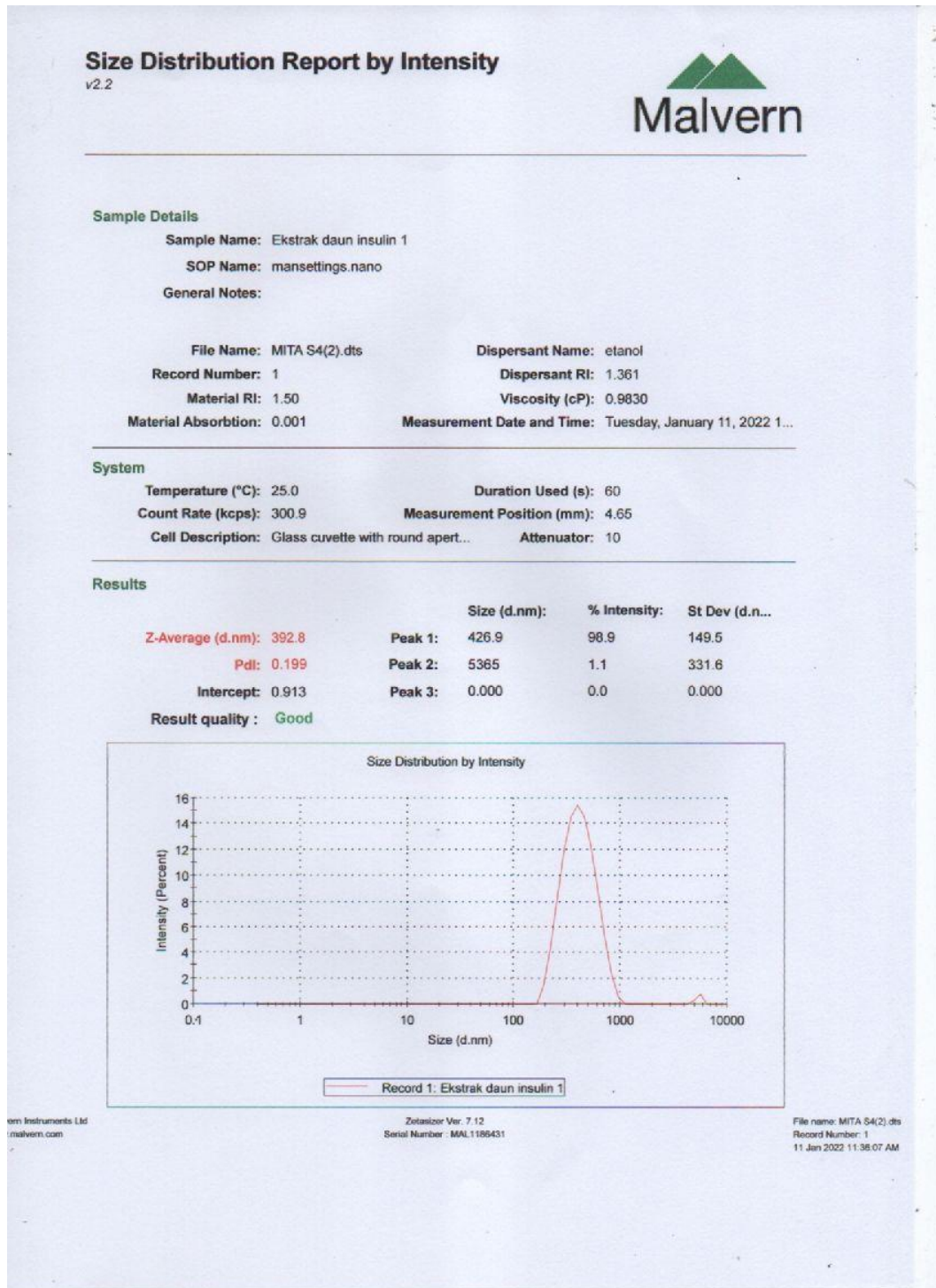
Lampiran 37. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula III Replikasi 3 setelah Cycling test



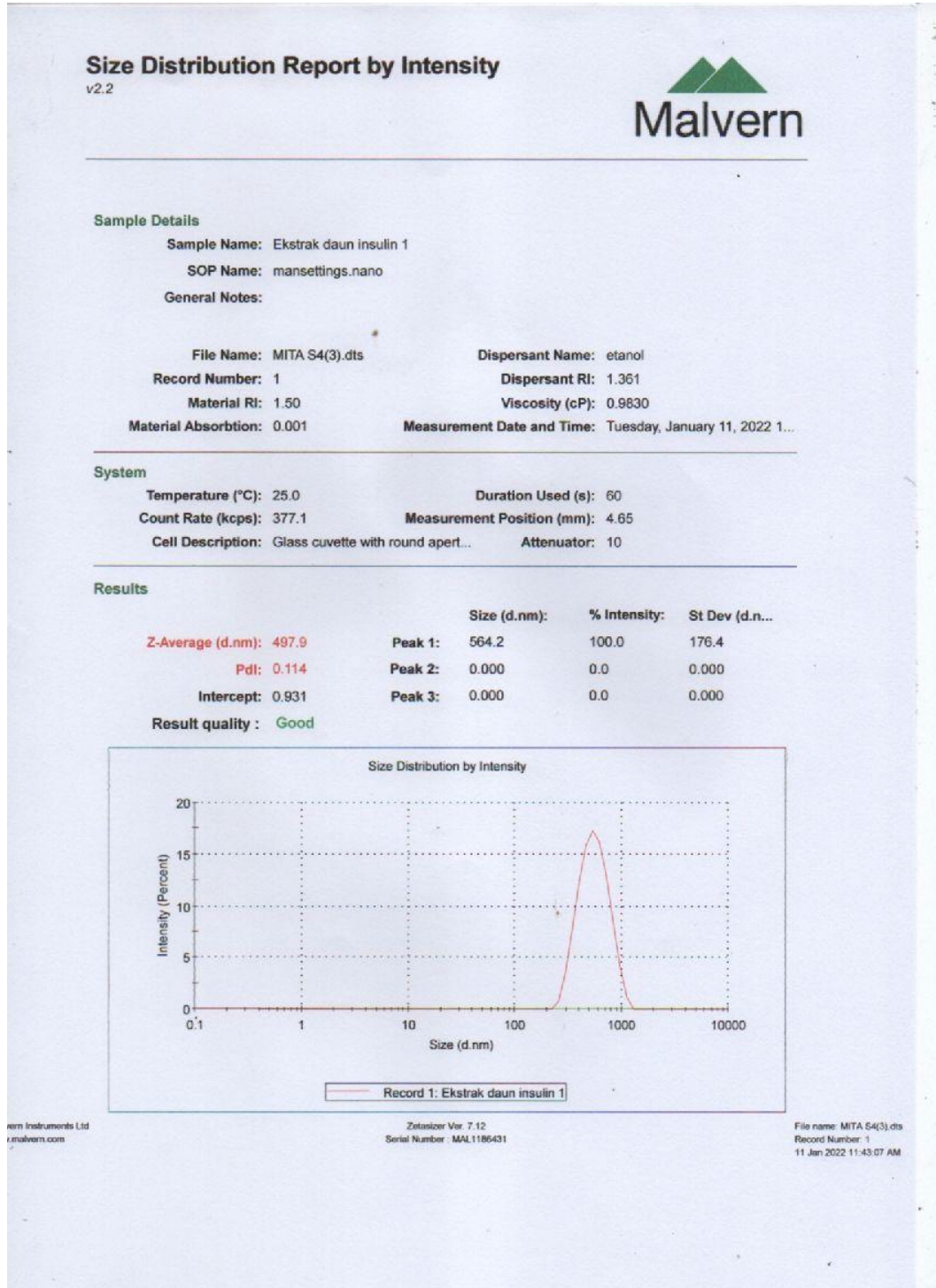
Lampiran 38. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula IV Replikasi 1 setelah Cycling test



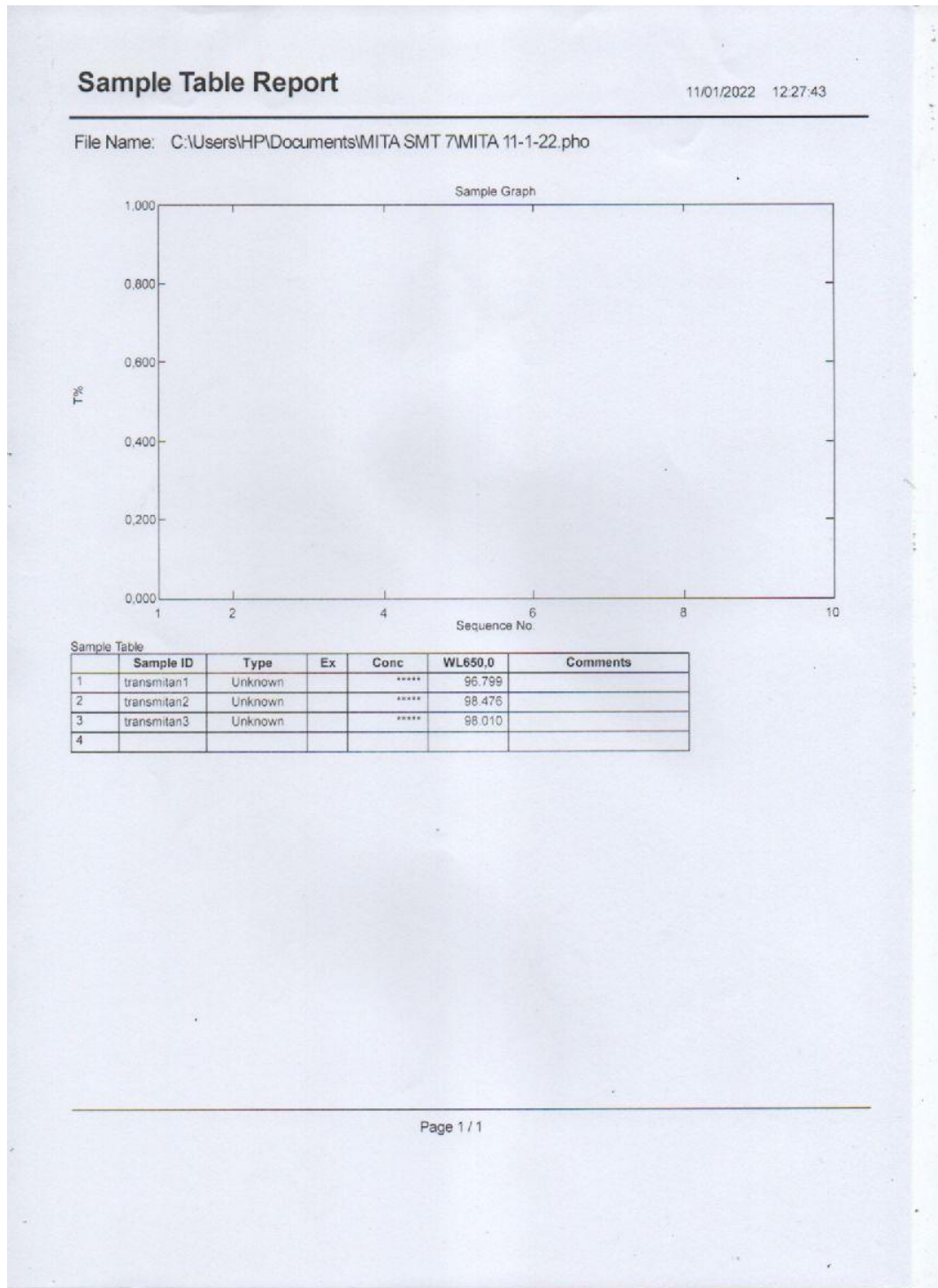
Lampiran 39. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula IV Replikasi 2 setelah Cycling test



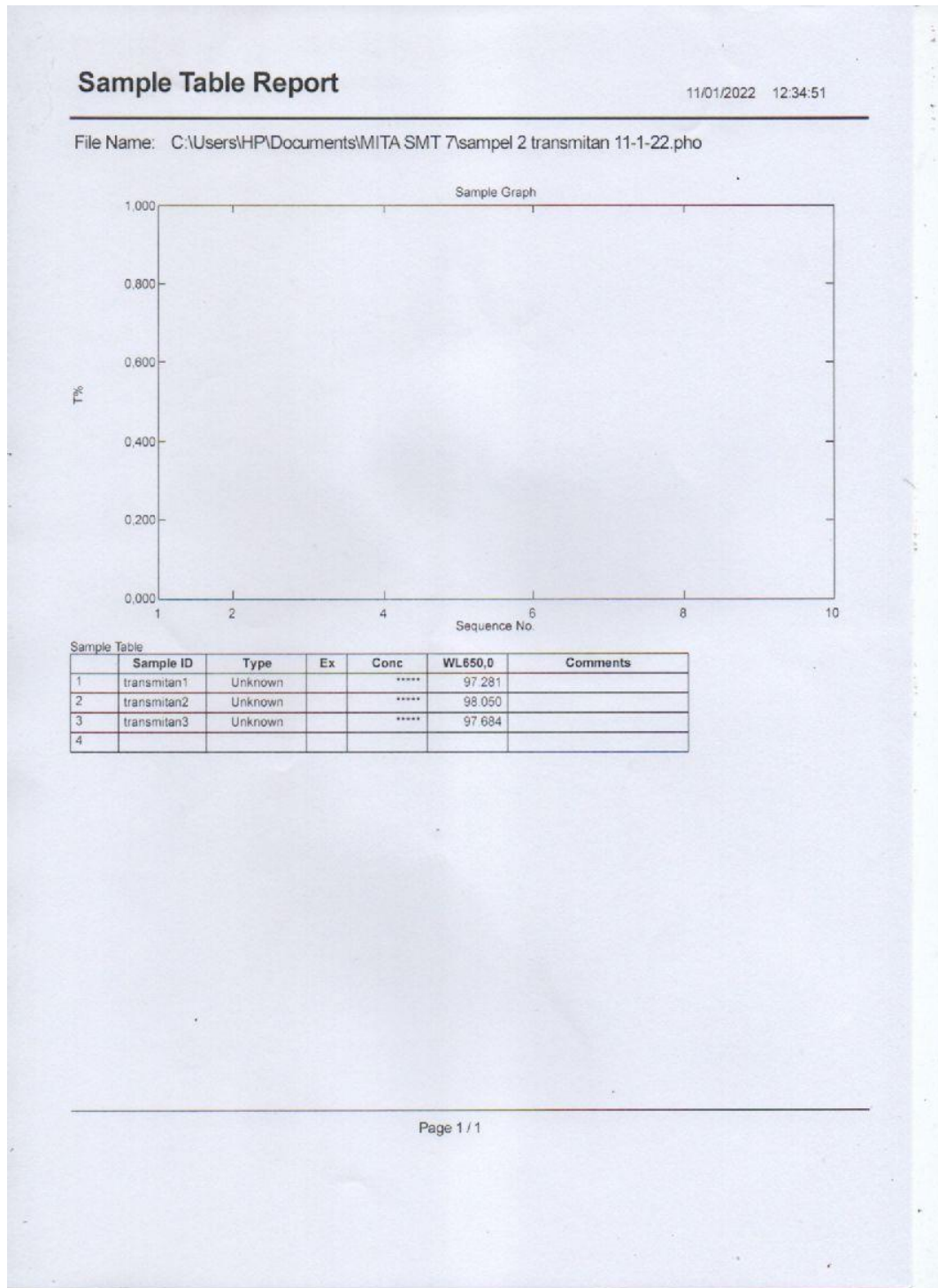
Lampiran 40. Hasil Pembacaan uji PSA Nanoenkapsulasi Formula IV Replikasi 3 setelah Cycling test



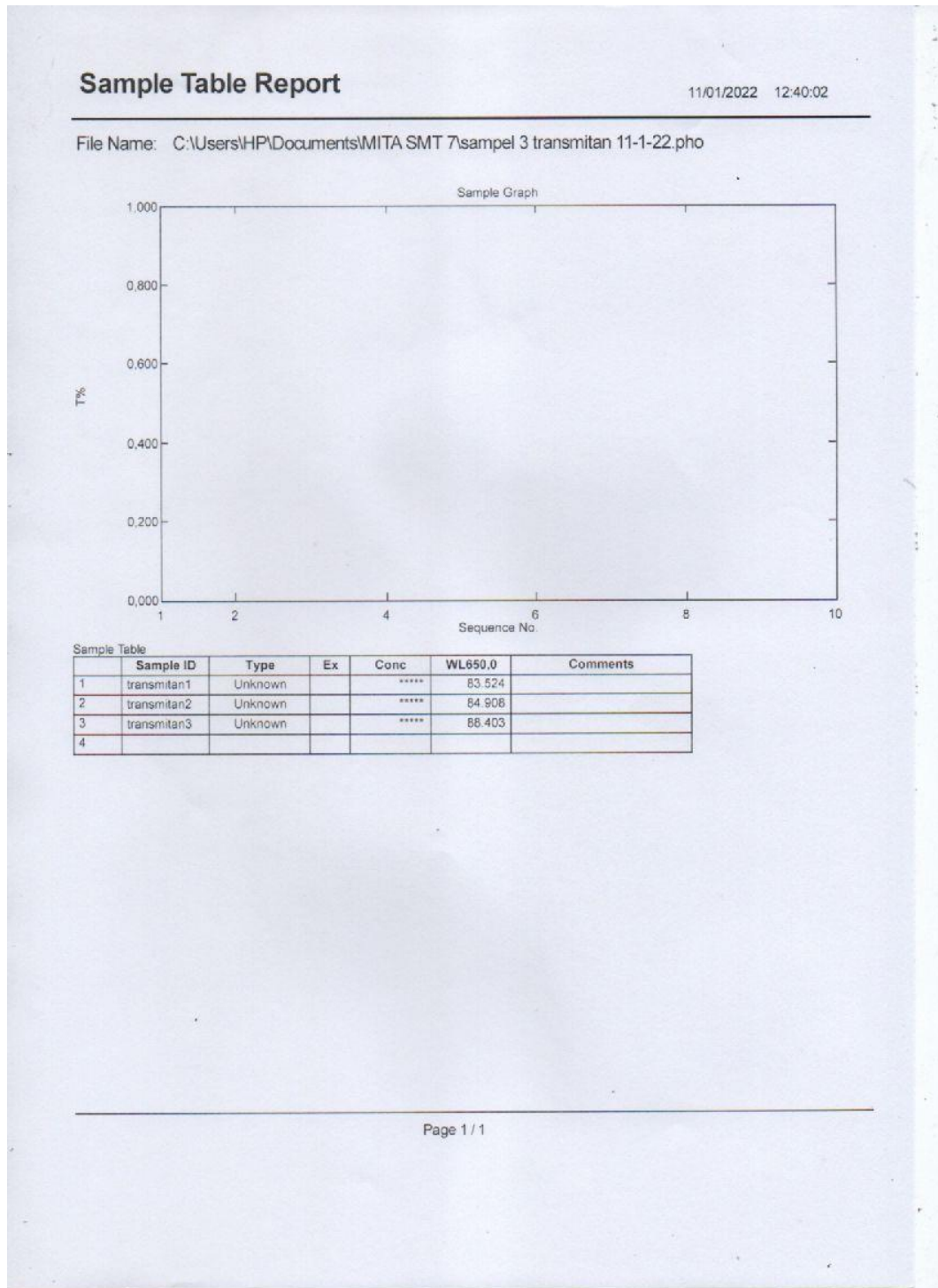
Lampiran 41. Hasil Pembacaan Uji % Transmitan Nanoenkapsulasi Formula I setelah Cycling test



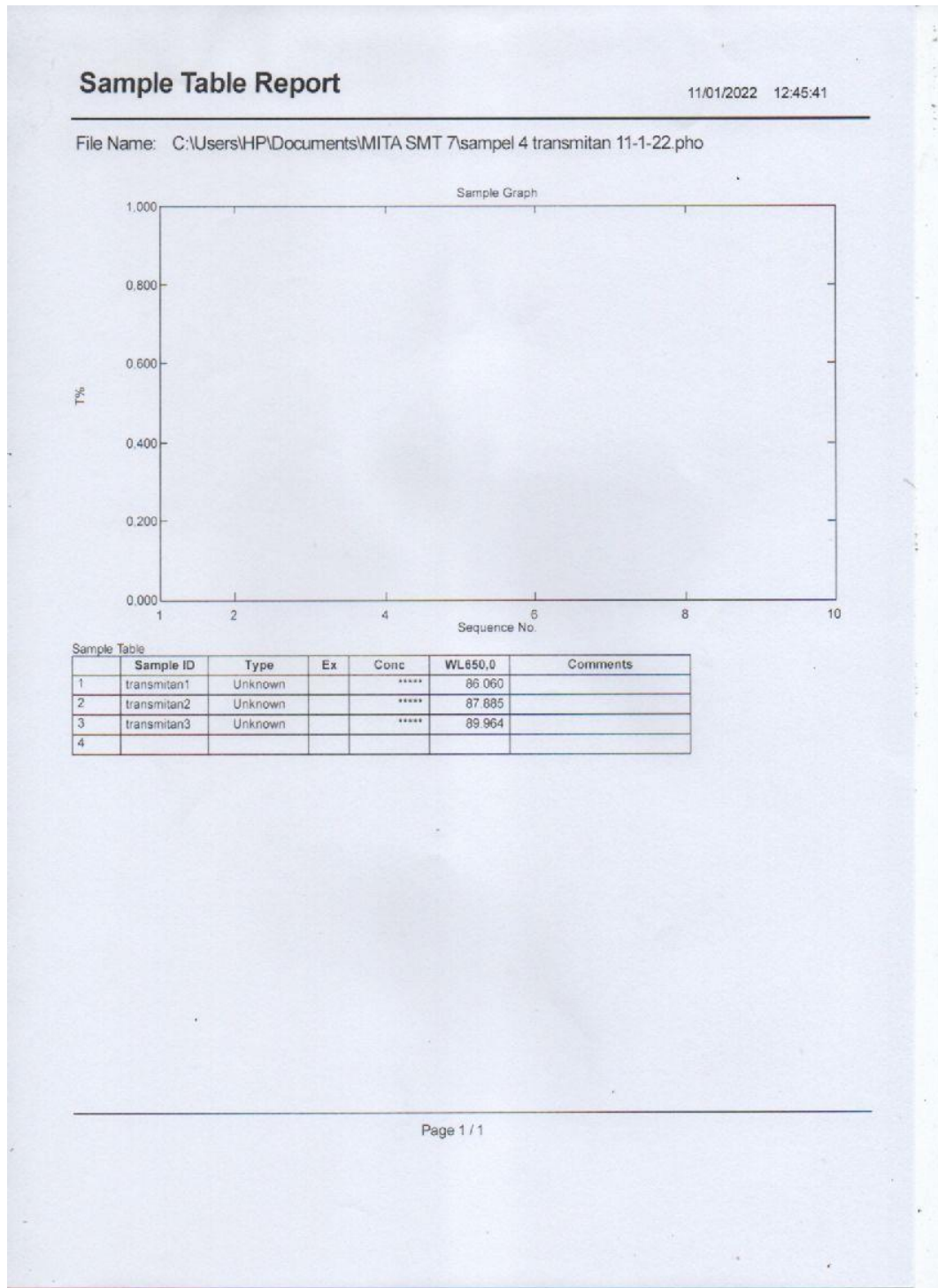
Lampiran 42. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula II setelah Cycling test



Lampiran 43. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula III setelah Cycling test



Lampiran 44. Hasil Pembacaan uji % Transmitan Nanoenkapsulasi Formula VI setelah Cycling test



Lampiran 45. Hasil Pembacaan uji T dengan SPSS

Formula I

Ukuran partikel

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DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

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Syntax	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
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	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Ukuran partikel Fl.sav

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 sebelum_cyclingtest	2.5737E2	3	3.40637	1.96667
sesudah_cyclingtest	2.3704E2	3	12.84681	7.41711

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 sebelum_cyclingtest & sesudah_cyclingtest	3	.174	.888

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cycling test - sesudah_cycling test	2.03233E1	12.70365	7.33445	-11.23427	51.88094	2.771	2	.109

Indeks Polidispersitas

GET

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T-Test

Notes

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Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.	
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.	
Syntax		T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
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[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Pdl FI.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	.1730	3	.15019	.08671
	sesudah_cyclingtest	.2433	3	.00945	.00546

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 sebelum_cyclingtest & sesudah_cyclingtest	3	-.960	.180

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	-.07033	.15929	.09196	-.46602	.32536	-.765	2	.524

% Transmitan

GET

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T-Test

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	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
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Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	96.9157	3	.70844	.40902
	sesudah_cyclingtest	97.7617	3	.86564	.49978

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	sebelum_cyclingtest & sesudah_cyclingtest	3	.674	.529

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	-.84600	.65157	.37618	-2.46459	.77259	-2.249	2	.153

Formula II

Ukuran partikel

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T-Test

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Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
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	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Ukuran partikel FII.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	2.8363E2	3	4.59819	2.65477
	sesudah_cyclingtest	2.5894E2	3	16.74496	9.66771

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	sebelum_cyclingtest & sesudah_cyclingtest	3	.946	.211

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	sebelum_cyclingtest - sesudah_cyclingtest	2.46900E1	12.48592	7.20875	-6.32675	55.70675	3.425	2	.076

Indeks Polidispersitas

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T-Test

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	N of Rows in Working Data File	4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of- range data for any variable in the analysis.
Syntax		T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.

Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Pdl FII.sav

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 sebelum_cyclingtest	.2760	3	.05895	.03403
sesudah_cyclingtest	.2547	3	.00611	.00353

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 sebelum_cyclingtest & sesudah_cyclingtest	3	-.111	.929

Paired Samples Test

	Paired Differences					t	Df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	.02133	.05994	.03460	-.12756	.17022	.616	2	.600

% Transmitan

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FII.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午08時32分29秒	
Comments		
Input	Data	C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FII.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Syntax	T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FII.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	97.3553	3	.75008	.43306
	sesudah_cyclingtest	97.6717	3	.38465	.22208

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	sebelum_cyclingtest & sesudah_cyclingtest	3	.952	.198

Paired Samples Test

Paired Differences					t	df	Sig. (2-tailed)
Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				

				Lower	Upper			
Pair 1 sebelum_cycling test - sesudah_cycling test	-31633	.40148	.23179	-1.31366	.68100	-1.365	2	.306

Formula III

Ukuran partikel

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Ukuran partikel FIII.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午09時24分29秒	
Comments		
Input	Data	C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Ukuran partikel FIII.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4

Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Ukuran partikel FIII.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	3.5710E2	3	15.41558	8.90019
	sesudah_cyclingtest	3.4697E2	3	21.36126	12.33293

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	sebelum_cyclingtest & sesudah_cyclingtest	3	.970	.156

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cycling test - sesudah_cycling test	1.01333E1	7.41912	4.28343	-8.29678	28.56345	2.366	2	.142

Indeks Polidispersitas

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\PdI FIII.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午09時06分40秒
Comments	
Input	Data
	C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\PdI FIII.sav
	Active Dataset
	DataSet1
	Filter
	<none>
	Weight
	<none>

	Split File	<none>	
	N of Rows in Working Data File		4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.	
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.	
Syntax		T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time		00時00分00秒
	Elapsed Time		00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Pdl FIII.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	.1783	3	.02987	.01725
	sesudah_cyclingtest	.1557	3	.03233	.01867

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 sebelum_cyclingtest & sesudah_cyclingtest	3	.355	.769

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	.02267	.03539	.02043	-.06524	.11058	1.109	2	.383

% Transmittan

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FIII.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午08時37分43秒
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Comments		
Input	Data	C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FIII.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FIII.sav

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean

Pair 1	sebelum_cyclingtest	84.2303	3	2.31019	1.33379
	sesudah_cyclingtest	85.6117	3	2.51446	1.45173

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	sebelum_cyclingtest & sesudah_cyclingtest	3	.999	.032

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	-1.38133	.23717	.13693	-1.97049	-.79217	-10.088	2	.010

**Formula IV
Ukuran partikel**

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\ukuran partikel FIV.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午09時27分10秒	
Comments		
Input	Data	C:\Users\Lenovo\Documents\SKRIPSI ;)mita\ukuran partikel FIV.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax	T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\ukuran partikel FIV.sav

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 sebelum_cyclingtest	4.5090E2	3	63.68257	36.76715
sesudah_cyclingtest	2.7340E2	3	193.70780	111.83725

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 sebelum_cyclingtest & sesudah_cyclingtest	3	-.956	.189

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	1.77500E2	255.27599	147.38366	-456.64071	811.64071	1.204	2	.352

Indeks Polidispersitas

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Pdl FIV.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午09時12分03秒	
Comments		
Input	Data	C:\Users\Lenovo\Documents\SKRIPSI ;)mita\PdI FIV.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of- range data for any variable in the analysis.
Syntax		T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.

Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\Pdl FIV.sav

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 sebelum_cyclingtest	.2160	3	.04331	.02501
sesudah_cyclingtest	.1510	3	.04355	.02515

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 sebelum_cyclingtest & sesudah_cyclingtest	3	.584	.603

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	.06500	.03961	.02287	-.03340	.16340	2.842	2	.105

% Transmitan

GET

FILE='C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FIV.sav'.

DATASET NAME DataSet0 WINDOW=FRONT.

T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	15年3月2022日 下午08時43分12秒	
Comments		
Input	Data	C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FIV.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Syntax	T-TEST PAIRS=sebelum_cyclingtest WITH sesudah_cyclingtest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time	00時00分00秒
	Elapsed Time	00時00分00秒

[DataSet1] C:\Users\Lenovo\Documents\SKRIPSI ;)\mita\%T FIV.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	sebelum_cyclingtest	87.0963	3	1.97290	1.13905
	sesudah_cyclingtest	87.9697	3	1.95338	1.12778

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	sebelum_cyclingtest & sesudah_cyclingtest	3	.995	.061

Paired Samples Test

	Paired Differences					t	df	Sig. (2- tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 sebelum_cyclingtest - sesudah_cyclingtest	-.87333	.18989	.10963	-1.34505	-.40162	-7.966	2	.015