LAMPIRAN

Lampiran 1. Determinasi Tanaman Daun Salam

INSTITUT TEKNOLOGI BANDUNG
SEKOLAH ILMU DAN TEKNOLOGI HAYATI
Gedung Labtek XI, Jalan Ganesa No.10, Bandung 40132, Telp.: +6222 2511575, Fax.: +6222 2534107
e-mail: sith@itb.ac.id situs: www.sith.itb.ac.id

Nomor : 1967/IT1.C11.2/TA.00/2025 07 Maret 2025
Hal : Determinasi tumbuhan

Yth. Dekan
Fakultas Farmasi
Universitas Bhakti Kencana
Jalan Soekarno Hatta No. 754
Bandung

Memperhatikan permintaan Saudara dalam surat No. 0964/03.S1-FF/UBK/XI/2024 tanggal 20 Desember 2024 mengenai determinasi tumbuhan, dengan ini kami sampaikan bahwa setelah dilakukan pendeterminasian oleh staf kami, sampel tumbuhan yang dikirim oleh Sdr. Siska Sukmaningsih (NIM: 211FF03104), yaitu:

No	Nama sampel	Hasil determinasi	Famili
1	Salam	*Syzygium polyanthum* (Wight) Walp.	Myrtaceae

Referensi:

1. Backer C. A., Bakhuizen van den Brink, R. C. (1963). *Flora of Java*. Vol I. N.V.P. Noordhoff.

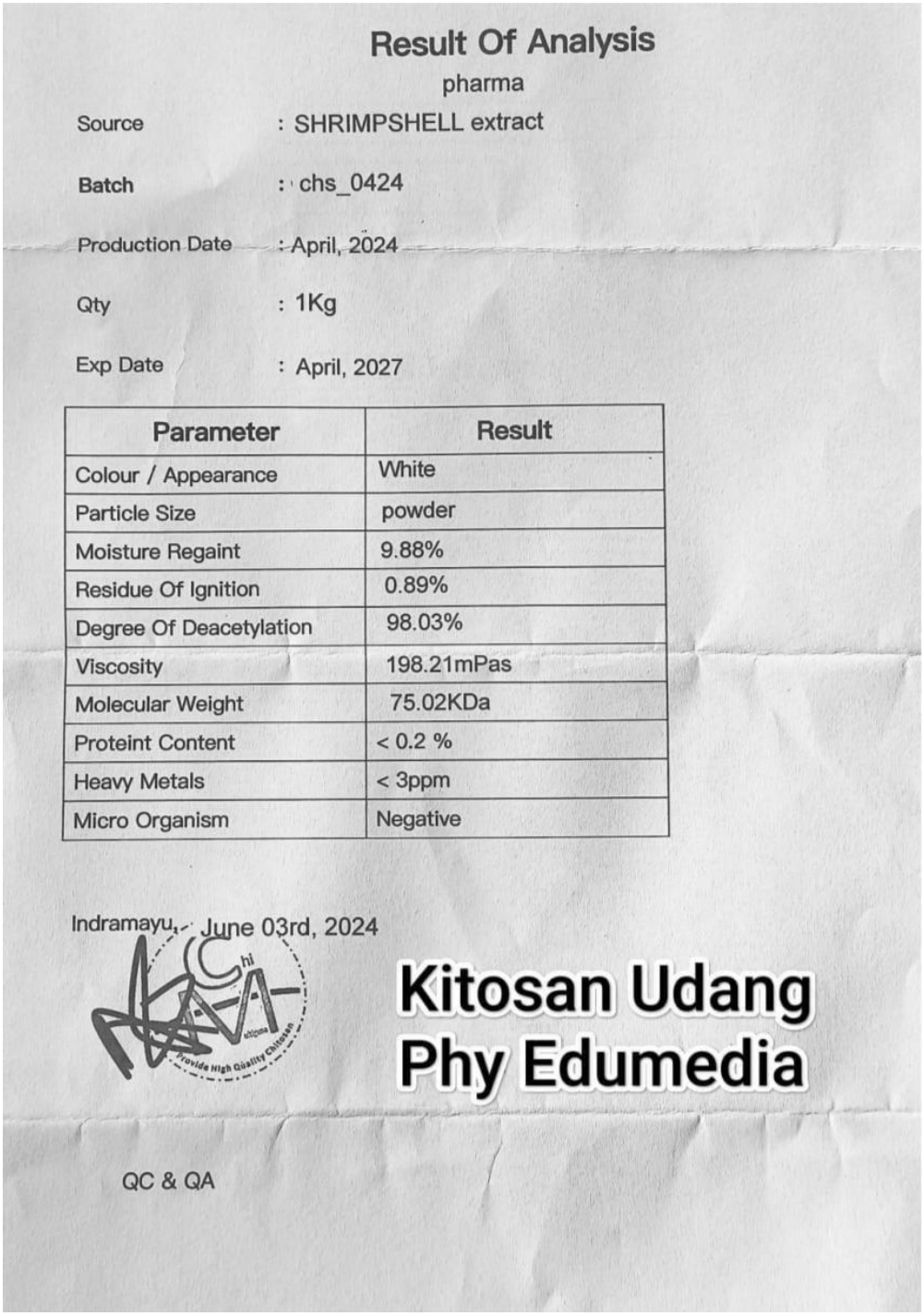
Demikian yang kami sampaikan. Atas perhatian dan kerjasama yang diberikan, kami ucapkan terima kasih.

Wakil Dekan Bidang Sumber Daya,

Angga Dwiartama, S.Si., M.Si., Ph.D.
NIP. 198302052012121002

Tembusan:
1. Dekan SITH ITB

Lampiran 2. *Certificate Of Analysis* Kitosan



Result Of Analysis

pharma

Source : SHRIMPSHELL extract

Batch : chs_0424

Production Date : April, 2024

Qty : 1Kg

Exp Date : April, 2027

Parameter	Result
Colour / Appearance	White
Particle Size	powder
Moisture Regaint	9.88%
Residue Of Ignition	0.89%
Degree Of Deacetylation	98.03%
Viscosity	198.21mPas
Molecular Weight	75.02KDa
Proteint Content	< 0.2 %
Heavy Metals	< 3ppm
Micro Organism	Negative

Indramayu, June 03rd, 2024

Kitosan Udang
Phy Edumedia

QC & QA

Lampiran 3. *Certificate Of Analysis* PVP K30

COA Code:JHNHPK30PG(USP41)0002

JH Nanhang Life Sciences Co., Ltd.

Certificate of Analysis

Product Name	Povidone K30	Batch No.	PK30-220919F31	Date of Mfg	20220919
Quantity	6000KG	Packaging	25KG/ Fibre Drum	Expiry Date	20260918
Source	PVP Workshop	Reference	USP41		

No.	Items	Specification	Test Results
1.	Appearance	White or yellowish-white, hygroscopic powder	Complies
2.	Solubility	Freely soluble in water, ethanol 96%, methanol, very slightly soluble in acetone	Complies
3.	Identifications A、B、C、D、E	Positive	Complies
4.	Appearance of solution	Clear and NMT B_6, BY_6, or R_6	Complies
5.	pH	3.0-5.0	3.4
6.	K-value	27.0-32.4	29.6
7.	Aldehydes, ppm	≤ 500	21.1
8.	Peroxides, ppm	≤ 400	189
9.	Formic acid, %	≤ 0.5	0.3
10.	Hydrazine, ppm	≤ 1	<1
11.	Impurity A(1-vinylpyrrolidin-2-one), ppm	≤ 10	0.22
12.	Impurity B (2-pyrrolidone), %	≤ 3.0	1.1
13.	Heavy metals, ppm	≤ 10	<10
14.	Lead, ppm	≤ 10	<10
15.	Water, %	≤ 5.0	2.9
16.	Sulphated ash, %	≤ 0.1	0.08
17.	Nitrogen content, %	11.5 - 12.8	12.0
18.	* Total Aerobic Plate count, CFU/g	≤100	<10
19.	* Total Mold/Yeast count, CFU/g	≤100	<10
20.	* E.coli , CFU/g	Not detected	Complies
21.	* Staphylococcus Aureus , CFU /g	Not detected	Complies
22.	* Pseudomonas Aeruginosa , CFU /g	Not detected	Complies
23.	* Salmonella, CFU /g	Not detected	Complies

Note: The above tests with * are performed randomly.

Conclusion: Material meets the requirement for Povidone in USP41.

Completed by:Lan Qiao Signature: LAN QIAO Date: 30/9/2022

QC Manager: Tong Mengxin Signature: Tong Mengxin Date: 30/9/2022

Released by QA Manager: Zhang Ming Signature: Zhang Ming Date: 30/9/2022

Factory address: No.16 Luyin Road, Hi-Tech Industrial Zone, Quzhou, Zhejiang, 324004 P. R. China

Website: www.jh-nh.com E-mail: info@jh-nh.com Contact person: Zhang Ming Tel:+ 86-0570-3883574

Lampiran 4. *Certificate Of Analysis* SSG

Sodium Starch Glycolate (Normal Residual Solvent Grade)-EP/BP	
Tests	**Acceptance Criteria**
Appearance	A white or almost white, fine, free-flowing powder, very hygroscopic
Solubility	Practically insoluble in methylene chloride. A translucent suspension in water
Identification A. pH B. Suspension test C. Iodine test D. Sodium test	 5.5 ~ 7.5 A suspension forms that settles after standing The solution becomes blue or violet Dense white precipitate formed
Appearance of solution Clear Colorless	 The opalescence is not more pronounced than reference suspension I Not more intensely colored than reference solution B_9
Assay	2.8 % ~ 4.2 % of sodium
Sodium chloride	≤ 7.0 %
Sodium glycolate	≤ 2.0 %
Loss on drying	≤ 10.0 %
Iron	≤ 20 ppm
Settling volume	< 45 mL
Degree of substitution	For reference
Microbial contamination	Absence of *Salmonella* species and *Escherichia coli*
Particle size d(90%)	 ≤ 82 µm

Lampiran 5 Certificate Of Analysis Laktosa

DFE pharma

DFE Pharma GmbH & Co. KG / PO Box 20 21 20 / D-47568 Goch

Page nr. 1/2

0811342880-900001-20221010-133649-2006-3420_FONT_01-000001

Certificate of Analysis

Customer number	: 160560	**Lot/ Batchnumber**	: 23174701
		Date of production	: 03.06.2022
Delivery number	: 811342880	**Expiry date**	: 01.06.2025
Delivery Date	: 24.10.2022	**Order number**	: 15452851
Material number	: 0743826	**Your order number**	: PH220517
Material description	: HMS Impalpable (NZ)		
	Milled lactose monohydrate		
	USP-NF, Ph.Eur., JP		
	Bag, PE liner, 25 kg net		

Analysis

Chemical & Physical

Characteristic	Method of analysis	Unit	Specification	Results
Infrared absorption spectrum / Id A	USP-NF; Ph.Eur.; JP		Conforms to reference	Pass
Water / Id D Ph.Eur.	USP-NF; Ph.Eur.; JP	%(m)	4.5-5.5	5.1
Appearance of solution	Ph.Eur.		Not more intensely coloured than ref BY7	Pass
Lactose colour of sol.	USP-NF; JP		Nearly colourless	Pass
Lactose clarity of sol.	USP-NF; Ph.Eur.; JP		Clear	Pass
UV-Abs. 1% sol. 210-220 nm	USP-NF; Ph.Eur.; JP		0.00-0.25	0.02
UV-Abs. 1% sol. 270-300 nm	USP-NF; Ph.Eur.; JP		0.00-0.07	0.00
UV-Abs. 10% sol. 400 nm	USP-NF; Ph.Eur.; JP		0.00-0.04	0.00
Acidity (0.1N NaOH/6g)	USP-NF; Ph.Eur.; JP	ml	0.0-0.4	0.2
Specific optical rotation (anhydrous bas	USP-NF; Ph.Eur.; JP	Degree	54.4-55.9	55.1
Heavy Metals	USP-NF; Ph.Eur.; JP		max 5 ppm	Pass
Loss on Drying (2 hrs, 80°C)	USP-NF; JP	%(m)	0.0-0.5	0.1
Residue on ignition / Sulfated ash	USP-NF; Ph.Eur.; JP	%(m)	0.0-0.1	<0.1

Microbiological

Characteristic	Method of analysis	Unit	Specification	Results
Total Aerobic Micro Count	Pharmacopeia Harmonized Methods	cfu/g	0-100	<100
Total Yeast & Mould Count	Pharmacopeia Harmonized Methods	cfu/g	0-10	<10
Escherichia coli (10 g)	Pharmacopeia Harmonized Methods		Negative	Negative
Salmonella (750g)	equal to ISO 6579		Negative	Negative

OTHERS

Characteristic	Method of analysis	Unit	Specification	Results
Particle size <75 µm	Internal, ATM sonic sifter	%(m)	78-86	81
Particle size <180 µm	Internal, ATM sonic sifter	%(m)	>=98	99

Manufacturer: DFE Pharma GmbH & Co. KG, Goch, Germany (formerly named "DMV-Fonterra Excipients GmbH & Co. KG")

Lampiran 5. *Certificate Of Analysis* Aquadest

[redacted]

Report No. 01779/ANBPAQ
Date: January 11, 2023

KAN
Komite Akreditasi Nasional
LP-024-IDN

SUCOFINDO
Issuing Office:
Jl. Arteri Tol Cibitung No. 1, Cibitung Bekasi 17520, Indonesia
Phone/Faca: +62 21 88321175/021 88321166
Email: os.cbt@sucofindo.co.id

REPORT OF ANALYSIS

The following sample (s) was submitted and identified by Sucofindo Jakarta Branch Office :

CLIENT	:	PURE INDONESIA, CV Central Park, SOHO Lantai 11 No. 1121, Room 1008 Jl. S. Parman Kav. 28 RT.003 RW. 005
TYPE OF SAMPLE	:	CLEAN WATER
DATE OF ORDER	:	January 2, 2023
DATE OF ANALYSIS	:	January 2, 2023 to January 11, 2023
TESTED FOR	:	Physical and Chemicals analysis
DESCRIPTION OF SAMPLE	:	Packing : Unsealed plastic bottle
SAMPLE IDENTIFICATION	:	Base Water (Purelizer Water)
YOUR REFERENCE	:	-

Parameter	Unit	Test Result	Method *) Part Number
pH at Lab	-	7.7	4500 H+-B
Total Hardness as $CaCO_3$	mg/L	< 1	2340 B
E. Conductivity at lab	µS/cm	1.9	2510 B
Turbidity at lab	NTU	< 0.06	2130 B
Total Dissolved Solid	mg/L	1	PO/LK/40 (Electrometric)
Chloride	mg/L	< 0.9	4500 Cl-D
Organic Matter by $KMnO_4$ *	mg/L	< 1.5	SNI 06-6989.22 : 2004
Total Silica *	mg/L	< 0.6	3120 B, 3030 E
Iron	mg/L	< 0.02	3120 B, 3030 E
Appearance	-	Negative	Visual

*) Standard Methods, 23rd Edition 2017, APHA-AWWA-WEF
*) Excluded the scope of accreditation KAN

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at www.sucofindo.co.id
This test result (s) related to the sample (s) submitted only and the report cannot be reproduced in any way, except in full context and with the prior approval in writing from Sucofindo Laboratory

Sub Dept. Environment Laboratory

SUCOFINDO

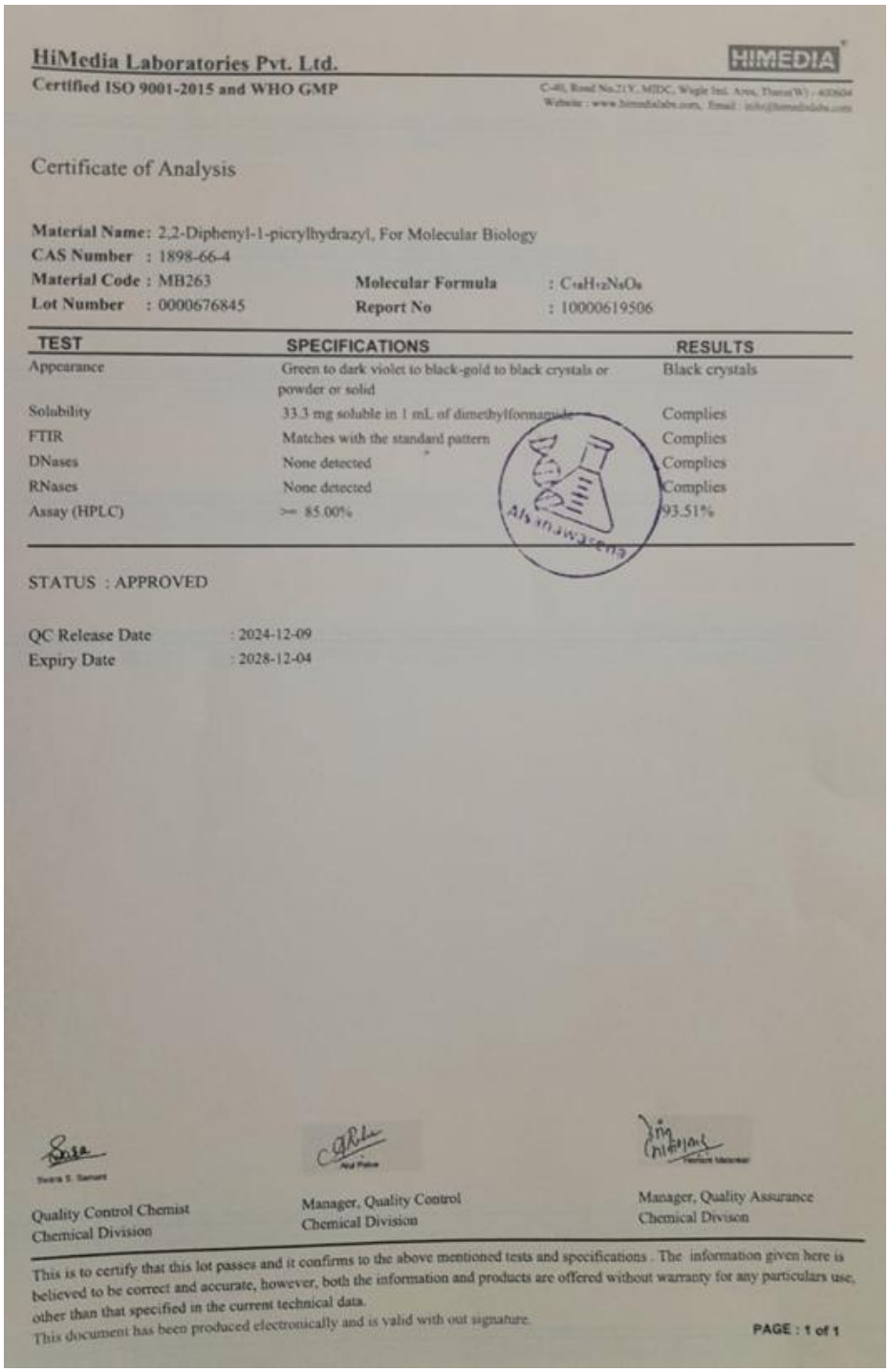
Eko Widaryanto

CBT102.1.00005323

4351807

SCI-2007A

Lampiran 6. *Certificate Of Analysis* DPPH



HiMedia Laboratories Pvt. Ltd.
Certified ISO 9001-2015 and WHO GMP

HIMEDIA

C-40, Road No.21V, MIDC, Wagle Ind. Area, Thane(W) - 400604
Website : www.himedialabs.com, Email : info@himedialabs.com

Certificate of Analysis

Material Name: 2,2-Diphenyl-1-picrylhydrazyl, For Molecular Biology
CAS Number : 1898-66-4
Material Code : MB263 **Molecular Formula** : $C_{18}H_{12}N_5O_6$
Lot Number : 0000676845 **Report No** : 10000619506

TEST	SPECIFICATIONS	RESULTS
Appearance	Green to dark violet to black-gold to black crystals or powder or solid	Black crystals
Solubility	33.3 mg soluble in 1 mL of dimethylformamide	Complies
FTIR	Matches with the standard pattern	Complies
DNases	None detected	Complies
RNases	None detected	Complies
Assay (HPLC)	>= 85.00%	93.51%

STATUS : APPROVED

QC Release Date : 2024-12-09
Expiry Date : 2028-12-04

Quality Control Chemist
Chemical Division

Manager, Quality Control
Chemical Division

Manager, Quality Assurance
Chemical Divison

This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current technical data.
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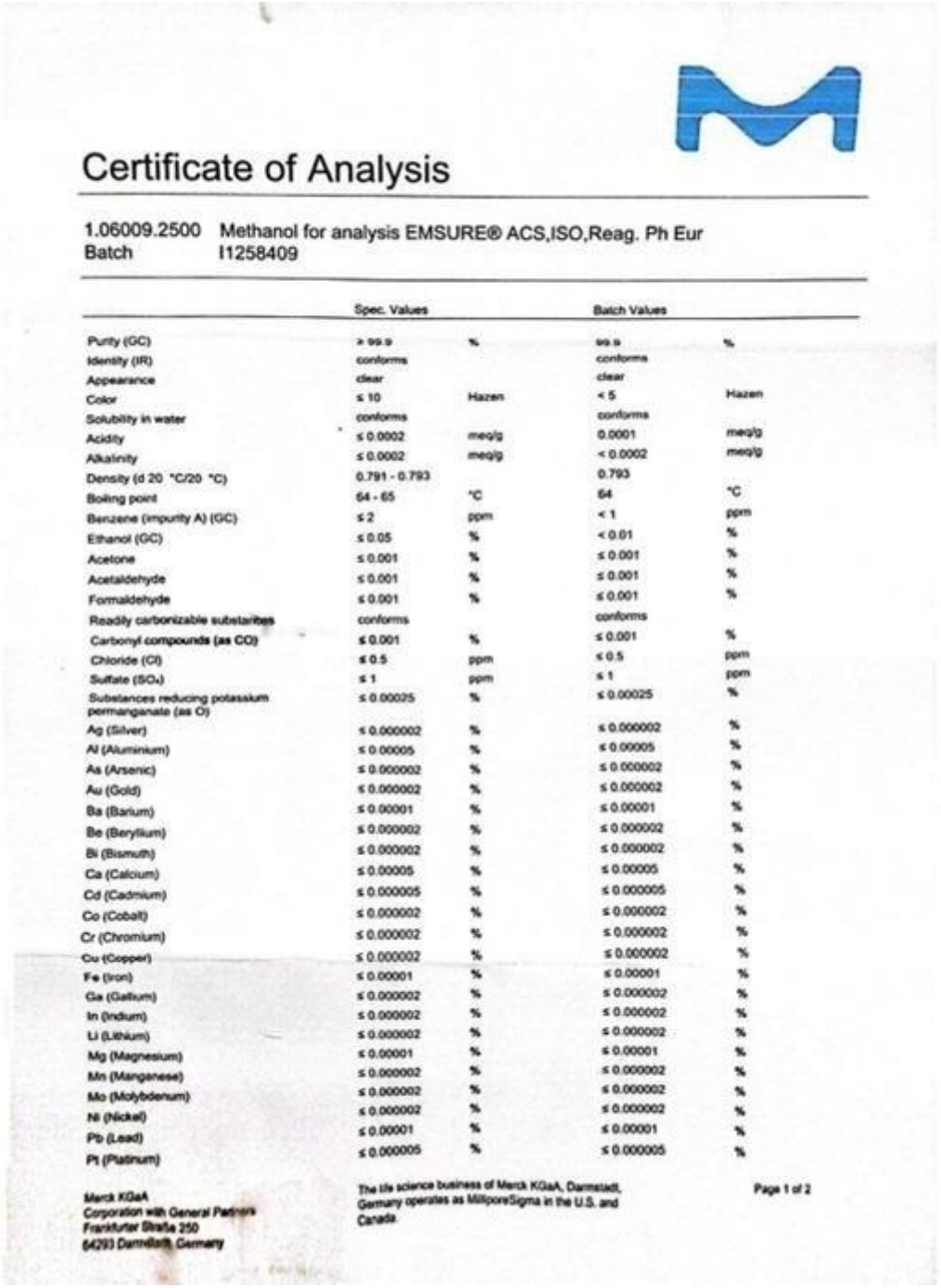
Lampiran 7. *Certificate Of Analysis Methanol*



Certificate of Analysis

1.06009.2500 Methanol for analysis EMSURE® ACS,ISO,Reag. Ph Eur
Batch I1258409

	Spec. Values		Batch Values	
Purity (GC)	≥ 99.9	%	99.9	%
Identity (IR)	conforms		conforms	
Appearance	clear		clear	
Color	≤ 10	Hazen	< 5	Hazen
Solubility in water	conforms		conforms	
Acidity	≤ 0.0002	meq/g	0.0001	meq/g
Alkalinity	≤ 0.0002	meq/g	< 0.0002	meq/g
Density (d 20 °C/20 °C)	0.791 - 0.793		0.793	
Boiling point	64 - 65	°C	64	°C
Benzene (impurity A) (GC)	≤ 2	ppm	< 1	ppm
Ethanol (GC)	≤ 0.05	%	< 0.01	%
Acetone	≤ 0.001	%	≤ 0.001	%
Acetaldehyde	≤ 0.001	%	≤ 0.001	%
Formaldehyde	≤ 0.001	%	≤ 0.001	%
Readily carbonizable substances	conforms		conforms	
Carbonyl compounds (as CO)	≤ 0.001	%	≤ 0.001	%
Chloride (Cl)	≤ 0.5	ppm	≤ 0.5	ppm
Sulfate (SO_4)	≤ 1	ppm	≤ 1	ppm
Substances reducing potassium permanganate (as O)	≤ 0.00025	%	≤ 0.00025	%
Ag (Silver)	≤ 0.000002	%	≤ 0.000002	%
Al (Aluminium)	≤ 0.00005	%	≤ 0.00005	%
As (Arsenic)	≤ 0.000002	%	≤ 0.000002	%
Au (Gold)	≤ 0.000002	%	≤ 0.000002	%
Ba (Barium)	≤ 0.00001	%	≤ 0.00001	%
Be (Beryllium)	≤ 0.000002	%	≤ 0.000002	%
Bi (Bismuth)	≤ 0.000002	%	≤ 0.000002	%
Ca (Calcium)	≤ 0.00005	%	≤ 0.00005	%
Cd (Cadmium)	≤ 0.000005	%	≤ 0.000005	%
Co (Cobalt)	≤ 0.000002	%	≤ 0.000002	%
Cr (Chromium)	≤ 0.000002	%	≤ 0.000002	%
Cu (Copper)	≤ 0.000002	%	≤ 0.000002	%
Fe (Iron)	≤ 0.00001	%	≤ 0.00001	%
Ga (Gallium)	≤ 0.000002	%	≤ 0.000002	%
In (Indium)	≤ 0.000002	%	≤ 0.000002	%
Li (Lithium)	≤ 0.000002	%	≤ 0.000002	%
Mg (Magnesium)	≤ 0.00001	%	≤ 0.00001	%
Mn (Manganese)	≤ 0.000002	%	≤ 0.000002	%
Mo (Molybdenum)	≤ 0.000002	%	≤ 0.000002	%
Ni (Nickel)	≤ 0.000002	%	≤ 0.000002	%
Pb (Lead)	≤ 0.00001	%	≤ 0.00001	%
Pt (Platinum)	≤ 0.000005	%	≤ 0.000005	%

Merck KGaA
Corporation with General Partners
Frankfurter Straße 250
64293 Darmstadt, Germany

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada

Page 1 of 2

Certificate of Analysis

1.06009.2500 Methanol for analysis EMSURE® ACS,ISO,Reag. Ph Eur
Batch I1258409

Sn (Tin)	≤ 0.00001	%	≤ 0.00001	%
Ti (Titanium)	≤ 0.000002	%	≤ 0.000002	%
Tl (Thallium)	≤ 0.000002	%	≤ 0.000002	%
V (Vanadium)	≤ 0.000002	%	≤ 0.000002	%
Zn (Zinc)	≤ 0.00001	%	≤ 0.00001	%
Zr (Zirconium)	≤ 0.000002	%	≤ 0.000002	%
Evaporation residue	≤ 0.0005	%	< 0.0001	%
Water	≤ 0.05	%	< 0.01	%

ACS, ISO, Reag Ph Eur

Date of release (DD.MM.YYYY) 01.12.2022
Minimum shelf life (DD.MM.YYYY) 31.10.2027

Jeannette David
Responsible laboratory manager quality control

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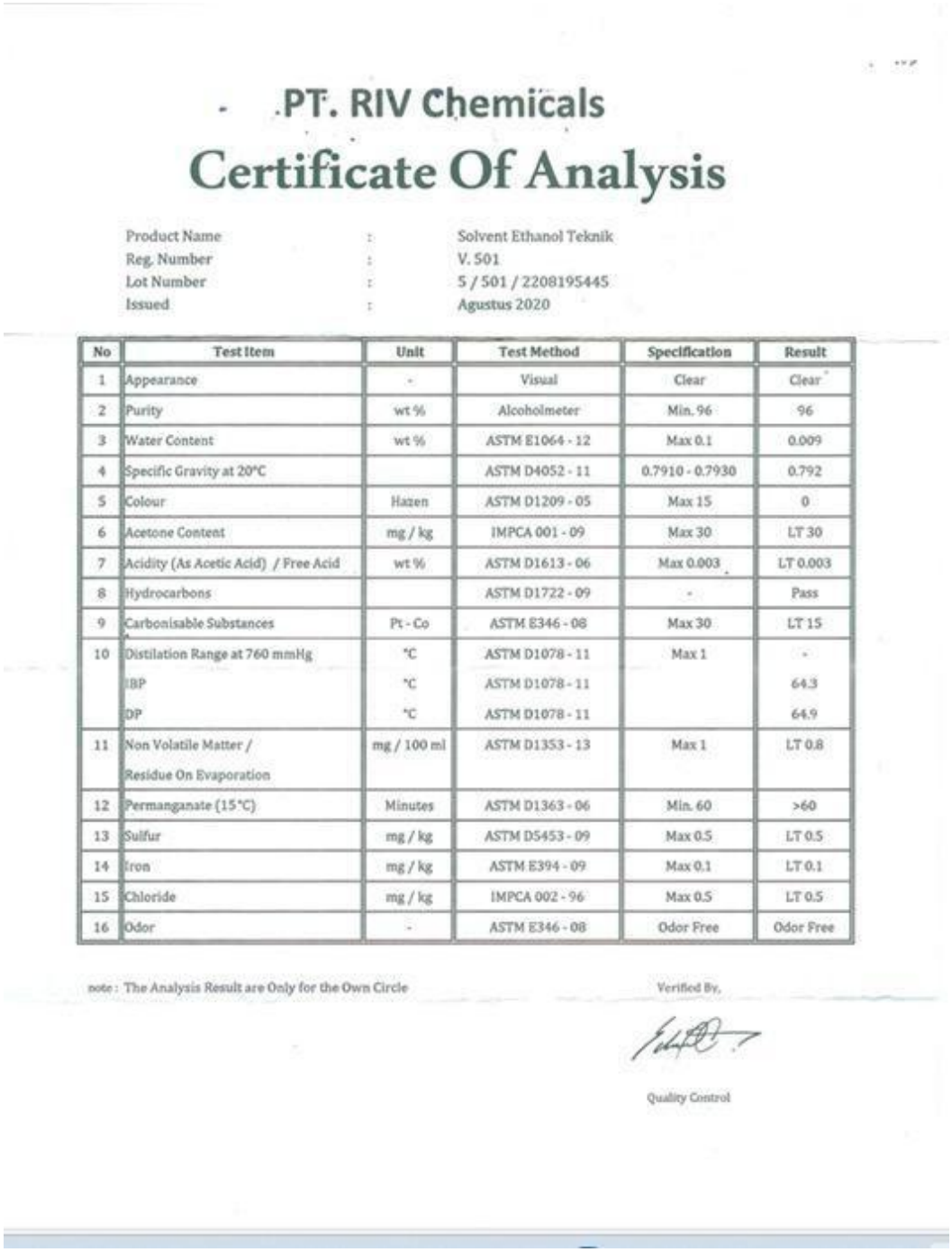
Lampiran 8. *Certificate Of Analysis Ethanol*



PT. RIV Chemicals

Certificate Of Analysis

Product Name	:	Solvent Ethanol Teknik
Reg. Number	:	V. 501
Lot Number	:	5 / 501 / 2208195445
Issued	:	Agustus 2020

No	Test Item	Unit	Test Method	Specification	Result
1	Appearance	-	Visual	Clear	Clear
2	Purity	wt %	Alcoholmeter	Min. 96	96
3	Water Content	wt %	ASTM E1064 - 12	Max 0.1	0.009
4	Specific Gravity at 20°C		ASTM D4052 - 11	0.7910 - 0.7930	0.792
5	Colour	Hazen	ASTM D1209 - 05	Max 15	0
6	Acetone Content	mg / kg	IMPCA 001 - 09	Max 30	LT 30
7	Acidity (As Acetic Acid) / Free Acid	wt %	ASTM D1613 - 06	Max 0.003	LT 0.003
8	Hydrocarbons		ASTM D1722 - 09	-	Pass
9	Carbonisable Substances	Pt - Co	ASTM E346 - 08	Max 30	LT 15
10	Distilation Range at 760 mmHg	°C	ASTM D1078 - 11	Max 1	-
	IBP	°C	ASTM D1078 - 11		64.3
	DP	°C	ASTM D1078 - 11		64.9
11	Non Volatile Matter / Residue On Evaporation	mg / 100 ml	ASTM D1353 - 13	Max 1	LT 0.8
12	Permanganate (15°C)	Minutes	ASTM D1363 - 06	Min. 60	>60
13	Sulfur	mg / kg	ASTM D5453 - 09	Max 0.5	LT 0.5
14	Iron	mg / kg	ASTM E394 - 09	Max 0.1	LT 0.1
15	Chloride	mg / kg	IMPCA 002 - 96	Max 0.5	LT 0.5
16	Odor	-	ASTM E346 - 08	Odor Free	Odor Free

note : The Analysis Result are Only for the Own Circle

Verified By,

Quality Control

Lampiran 9. Ekstraksi Maserasi Daun Salam

		
Sortasi basah	**Pencucian**	**Pengeringan**
		
Perajangan	Maserasi	Penyaringan
		
Evaporasi	Waterbath	Ekstrak kental

Lampiran 10. Skrinning Fitokimia

Pengujian		Hasil	Keterangan	Dokumentasi
Alkaloid	**Dragendrof**	(+)	Terdapat Endapan merah bata	
	Mayer	(+)	Terdapat Endapan putih	
Flavonoid		(+)	Terbentuk warna kuning pada lapisan amil alkohol	
Tanin		(+)	Warna hijau kehitaman	
Saponin		(+)	Terdapat buih stabil	
titerpenoid/steroid		(+)	Terbentuk warna hijau biru	

Lampiran 11. Proses Pembuatan Mikropartikel

	
Penimbangan bahan	Pencampuran bahan
	
Masa kepal	Ekstrudat
	
Sferoid	Pengeringan

Lampiran 12. Evaluasi Mikropartikel

Organoleptik

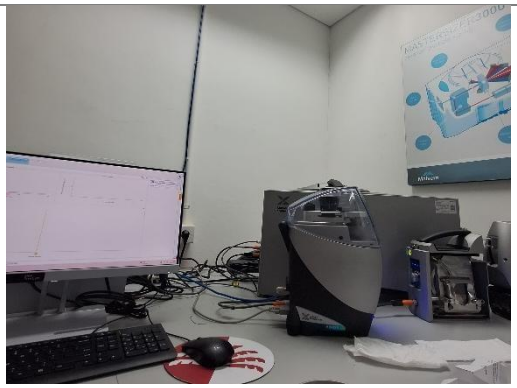
Kadar Air

Laju Alir danSudut Istirahat

Kompresibilitas

Waktu Melarut

Distribusi Ukuran Partikel



PSA Marvern 3000

Lampiran 13. Data Evaluasi Pengujian Mikropartikel

1. Uji Ornalopetik

Pemeriksaan	Formula				
	F1	**F2**	**F3**	**F4**	**F5**
Bentuk	Sferis	Sferis	Sferis	Sferis	Sferis
Warna	Hijau	Hijau	Hijau	Hijau	Hijau
Bau	Bau khas	Bau khas	Bau khas	Bau khas	Bau khas

2. Uji kadar air

Pemeriksaan	Formula				
	F1	**F2**	**F3**	**F4**	**F5**
1	2,25%	2,02%	2,14%	2,33%	2,10%
2	2,30%	2,07%	2,13%	2,34%	2,10%
3	2,27%	2,08%	2,19%	2,37%	2,08%
Rata-rata	2,27%	2,06%	2,15%	2,34%	2,09%
SD	0,02	0,03	0,03	0,02	0,01

3. Uji laju alir

Pemeriksaan	Formula				
	F1	**F2**	**F3**	**F4**	**F5**
1	8,37 g/s	8,25 g/s	8,44 g/s	8,52 g/s	8,57 g/s
2	8,35 g/s	8,30 g/s	8,41 g/s	8,54 g/s	8,59 g/s
3	8,37 g/s	8,22 g/s	8,42 g/s	8,51 g/s	8,54 g/s
Rata-rata	8,36 g/s	8,26 g/s	8,42 g/s	8,52 g/s	8,57 g/s
SD	0,01	0,04	0,02	0,02	0,03

4. Uji sudut istirahat

Pemeriksaan	Formula				
	F1	F2	F3	F4	F5
1	30,54°	29,02°	29,56°	30,47°	29,89°
2	31,38°	29,02°	29,47°	31,26°	30,57°
3	31,68°	28,47°	30,02°	31,24°	30,17°
Rata-rata	31,20°	28,84°	29,68°	30,99°	30,21°
SD	0,59	0,32	0,30	0,45	0,34

5. Uji kompresibilitas

Pemeriksaan	Formula				
	F1	F2	F3	F4	F5
1	6,08%	7,72%	5,75%	5,51%	5,45%
2	6,08%	7,72%	5,75%	5,52%	5,54%
3	6,16%	7,74%	5,75%	5,51%	5,51%
Rata-rata	6,11%	7,73%	5,75%	5,51%	5,50%
SD	0,05	0,01	0,00	0,01	0,05

6. Distribusi Ukuran Partikel

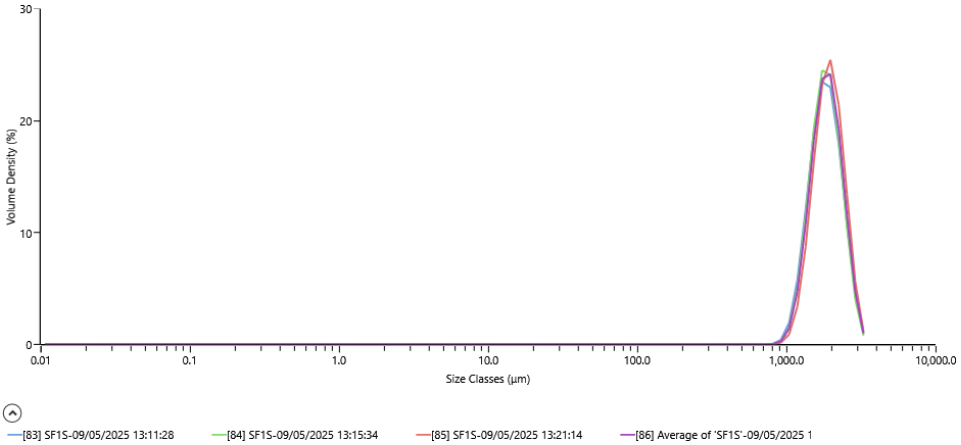
Mesh	Formula				
	F1	F2	F3	F4	F5
10 (1410-2000µm)	0	0	0	0	0
14 (1190-1410µm)	12,34	8,5	8,06	10,54	10,9
16 (850-1190µm)	23,6	8,22	3,38	20,72	47,88
20 (426-850µm)	62,92	57,36	62,88	41,58	32,34
40 (251-425µm)	1,14	25,26	25,26	27,09	8,85
60 (181-250µm)	0	0,66	0,42	0	0

7. Uji waktu melarut

Pemeriksaan	Formula				
	F1	F2	F3	F4	F5
1	3 menit 54 detik	3 menit 41 detik	1 menit 51 detik	4 menit 23 detik	4 menit 68 detik
2	3 menit 85 detik	2 menit 94 detik	2 menit 19 detik	3 menit 85 detik	4 menit 32 detik
3	3 menit 23 detik	3 menit 23 detik	2 menit 44 detik	4 menit 76 detik	4 menit 84 detik
Rata-rata	3 menit 54 detik	3 menit 19 detik	2 menit 05 detik	4 menit 28 detik	4 menit 61 detik
SD	0,31	0,24	0,48	0,46	0,27

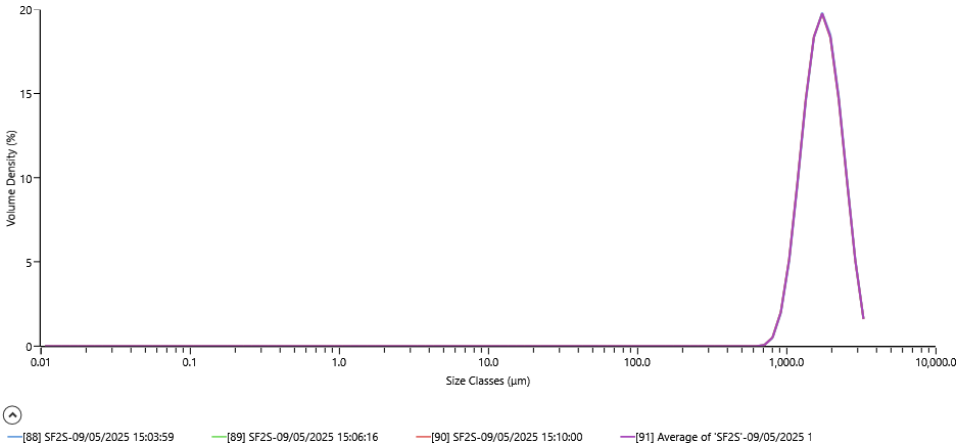
Lampiran 14. Hasil *Mastersizer 3000*

1. Formula 1



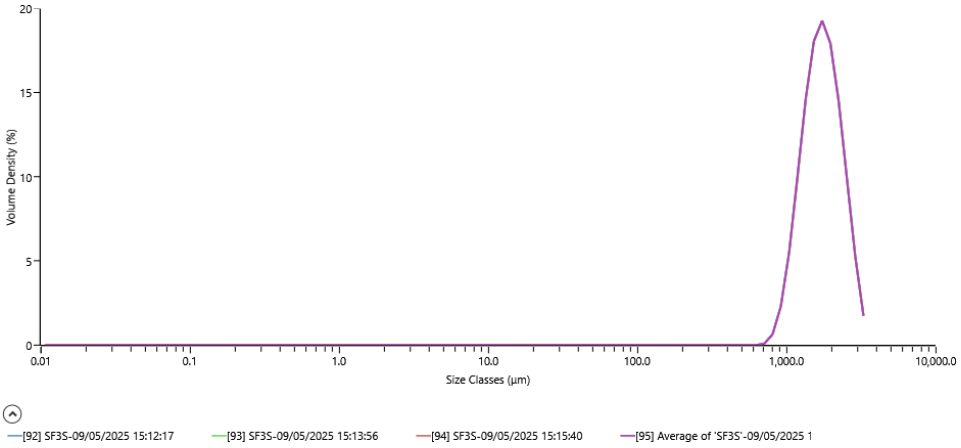
	Record Number	Sample Name	Dx (10) (µm)	Dx (50) (µm)	Dx (90) (µm)
	83	SF1S	1320	1820	2500
	84	SF1S	1340	1830	2470
	85	SF1S	1420	1920	2570
	86	Average of 'SF1S'	1360	1860	2510
Mean			**1360**	**1860**	**2510**
1xStd Dev			**43,0**	**43,5**	**41,6**
1xRSD (%)			**3,16**	**2,34**	**1,66**

2. Formula 2



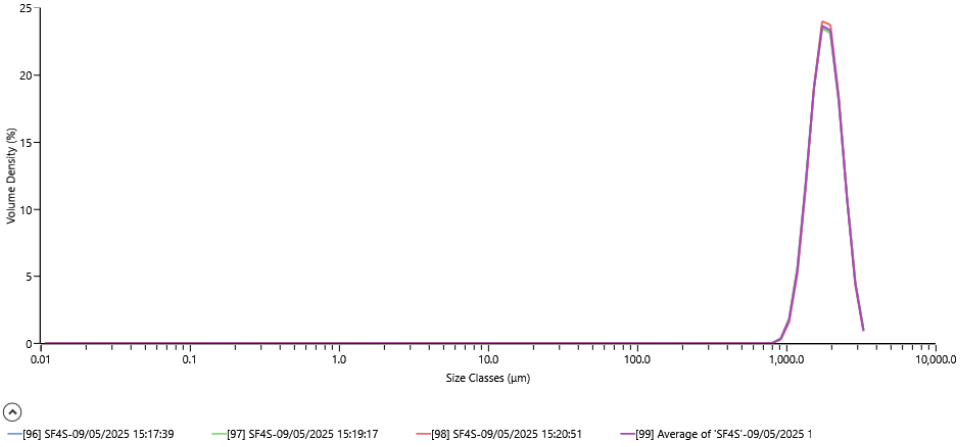
	Record Number	Sample Name	Dx (10) (µm)	Dx (50) (µm)	Dx (90) (µm)
	88	SF2S	1180	1740	2530
	89	SF2S	1180	1730	2520
	90	SF2S	1180	1730	2520
	91	Average of 'SF2S'	1180	1730	2520
Mean			**1180**	**1730**	**2520**
1xStd Dev			**2,79**	**3,69**	**3,30**
1xRSD (%)			**0,236**	**0,213**	**0,131**

3. Formula 3



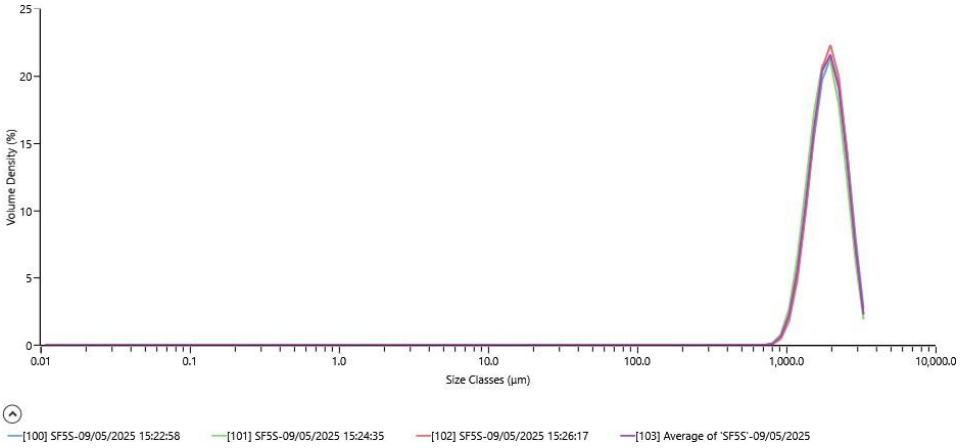
	Record Number	Sample Name	Dx (10) (µm)	Dx (50) (µm)	Dx (90) (µm)
	92	SF3S	1160	1720	2530
	93	SF3S	1170	1730	2540
	94	SF3S	1170	1730	2540
	95	Average of 'SF3S'	1170	1720	2530
Mean			**1170**	**1720**	**2530**
1xStd Dev			**1,17**	**1,95**	**1,90**
1xRSD (%)			**0,101**	**0,113**	**0,0750**

4. Formula 4



	Record Number	Sample Name	Dx (10) (µm)	Dx (50) (µm)	Dx (90) (µm)
	96	SF4S	1330	1830	2500
	97	SF4S	1330	1830	2500
	98	SF4S	1340	1830	2490
	99	Average of 'SF4S'	1330	1830	2500
Mean			**1330**	**1830**	**2500**
1xStd Dev			**6,72**	**2,98**	**5,10**
1xRSD (%)			**0,505**	**0,163**	**0,204**

5. Formula 5



	Record Number	Sample Name	Dx (10) (µm)	Dx (50) (µm)	Dx (90) (µm)
	100	SF5S	1330	1920	2680
	101	SF5S	1290	1850	2600
	102	SF5S	1350	1920	2650
	103	Average of 'SF5S'	1320	1900	2650
Mean			**1320**	**1900**	**2640**
1xStd Dev			**24,3**	**35,3**	**32,5**
1xRSD (%)			**1,84**	**1,86**	**1,23**

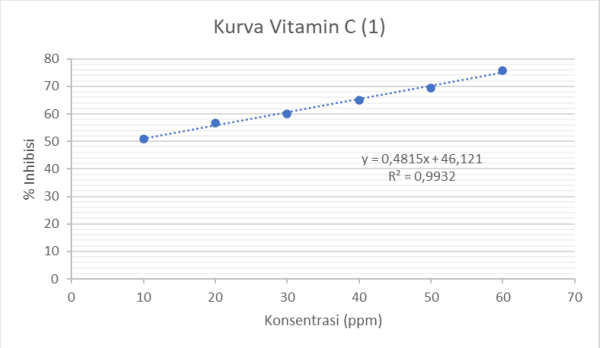
Lampiran 15. Pengujian Antioksidan

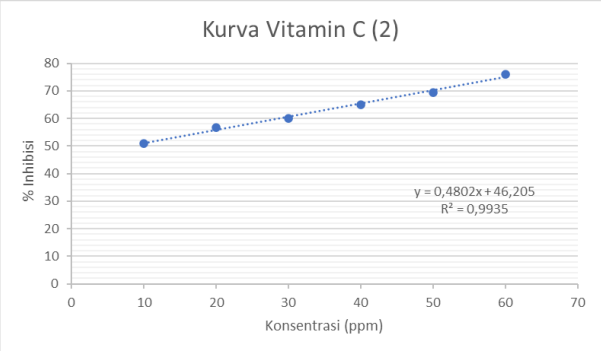
Pengujian	Dokumentasi
Vitamin C	
Ekstrak etanol daun salam	
Formula	

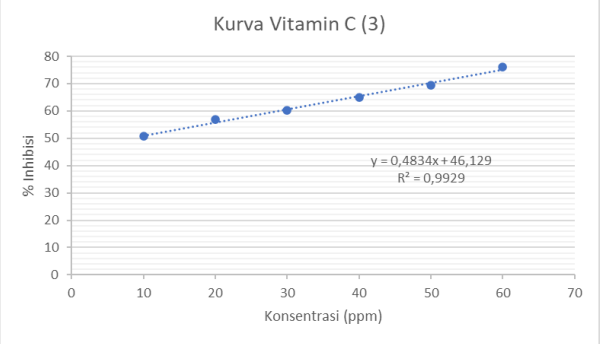
Lampiran 16. Data Hasil Pengujian Antioksidan

1. Antioksidan Vitamin C

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. vit c			% Inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
1	0,880	0,433	0,432	0,433	50,80	50,91	50,80	8,06	7,90	8,01	7,99	0,08
2	0,880	0,381	0,381	0,380	56,70	56,70	56,82					
3	0,880	0,351	0,351	0,351	60,11	60,11	60,11					
4	0,880	0,309	0,308	0,308	64,89	65,00	65,00					
5	0,880	0,269	0,269	0,268	69,43	69,43	69,55					
6	0,880	0,212	0,212	0,211	75,91	75,91	76,02					

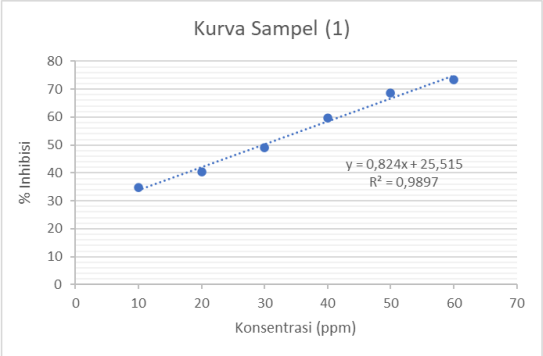


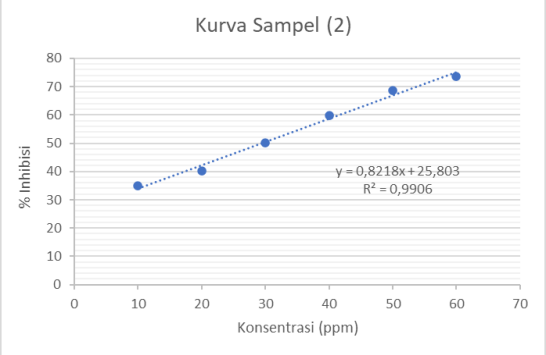


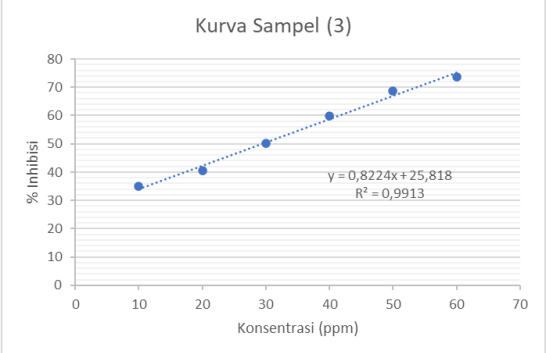


2. Antioksidan ekstrak etanol daun salam

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. Sampel			% inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
10	0,88	0,573	0,573	0,573	34,89	34,89	34,89	29,71	29,44	29,40	29,52	0,17
20	0,88	0,525	0,525	0,524	40,34	40,34	40,45					
30	0,88	0,448	0,438	0,438	49,09	50,23	50,23					
40	0,88	0,354	0,354	0,354	59,77	59,77	59,77					
50	0,88	0,277	0,276	0,276	68,52	68,64	68,64					
60	0,88	0,233	0,233	0,232	73,52	73,52	73,64					

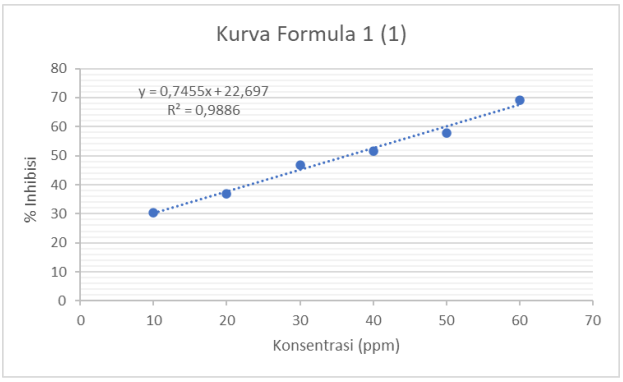


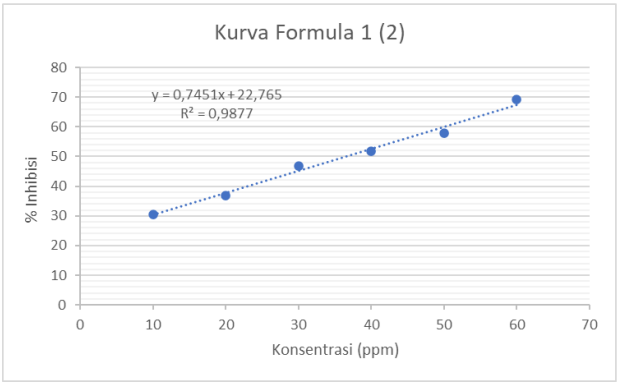


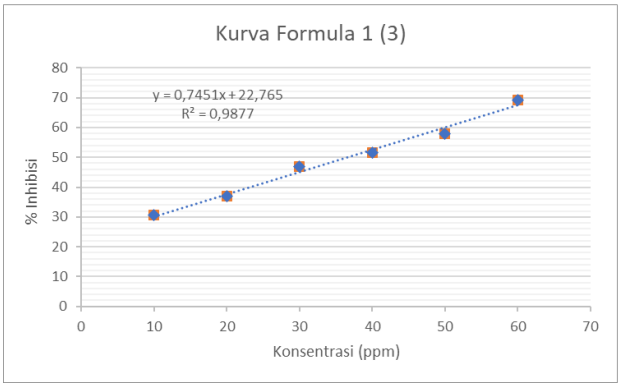


3. Antioksidan formula 1

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. Sampel (F1)			% inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
10	0,88	0,612	0,611	0,611	30,45	30,57	30,57	36,62	36,55	36,00	36,39	0,34
20	0,88	0,555	0,555	0,554	36,93	36,93	37,05					
30	0,88	0,469	0,468	0,467	46,70	46,82	46,93					
40	0,88	0,425	0,425	0,425	51,70	51,70	51,70					
50	0,88	0,371	0,371	0,371	57,84	57,84	57,84					
60	0,88	0,272	0,271	0,272	69,09	69,20	69,09					

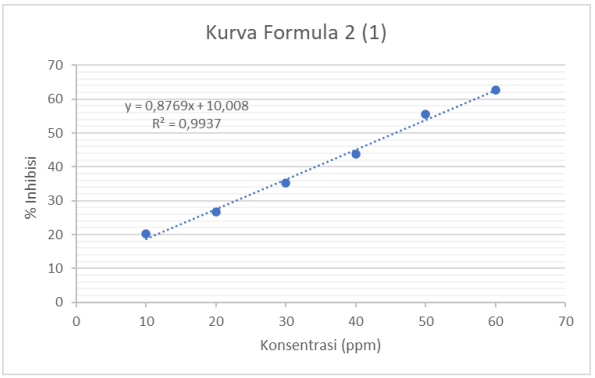


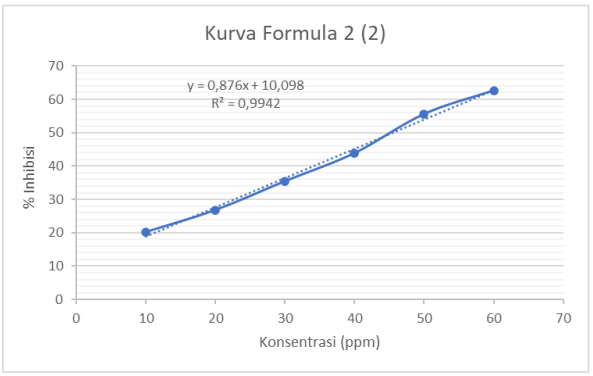


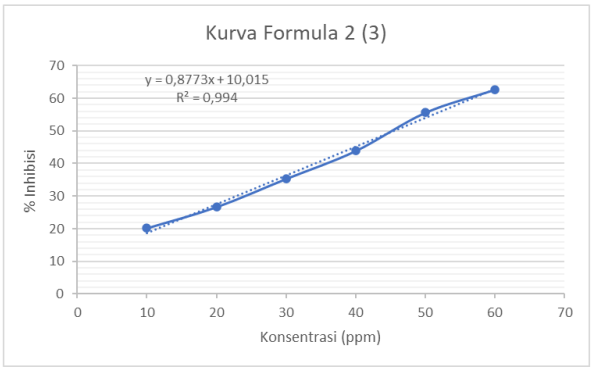


4. Antioksidan formula 2

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. Sampel (F2)			% inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
10	0,880	0,702	0,702	0,702	20,23	20,23	20,23	45,61	45,55	45,58	45,58	0,03
20	0,880	0,645	0,644	0,645	26,70	26,82	26,70					
30	0,880	0,569	0,568	0,569	35,34	35,45	35,34					
40	0,880	0,495	0,494	0,494	43,75	43,86	43,86					
50	0,880	0,391	0,391	0,391	55,57	55,57	55,57					
60	0,880	0,329	0,329	0,329	62,61	62,61	62,61					

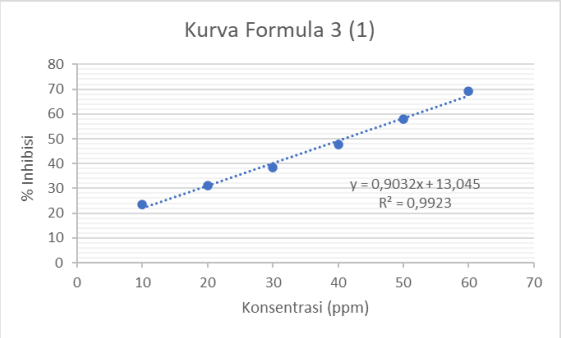


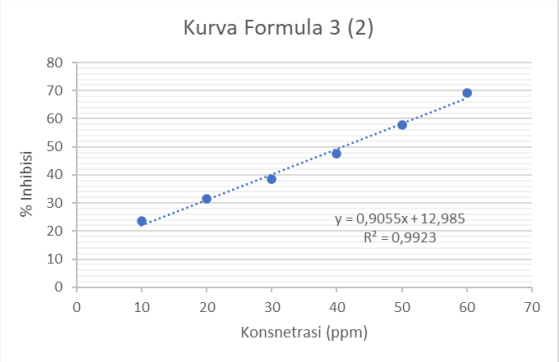


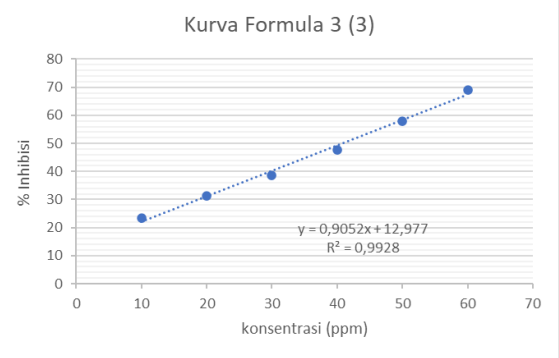


5. Antioksidan formula 3

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. Sampel (F3)			% inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
10	0,88	0,672	0,673	0,673	23,64	23,52	23,52	40,92	40,88	40,90	40,90	0,02
20	0,88	0,605	0,604	0,605	31,25	31,36	31,25					
30	0,88	0,541	0,541	0,541	38,52	38,52	38,52					
40	0,88	0,461	0,461	0,460	47,61	47,61	47,73					
50	0,88	0,371	0,371	0,371	57,84	57,84	57,84					
60	0,88	0,272	0,271	0,272	69,09	69,20	69,09					

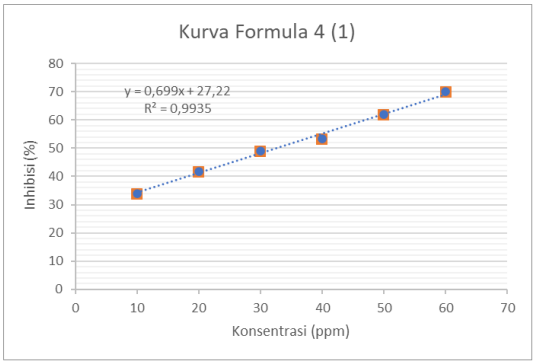


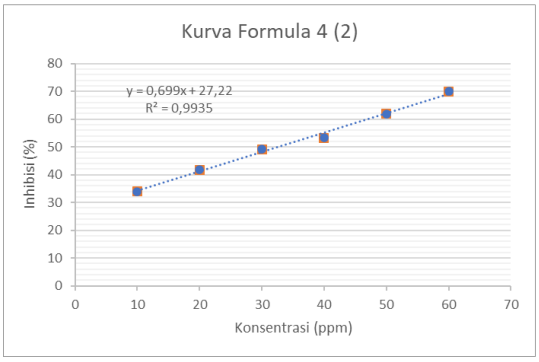


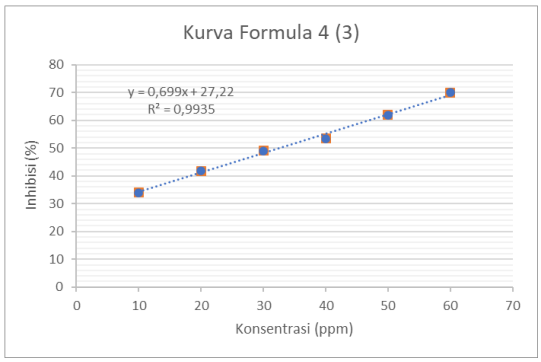


6. Antioksidan formula 4

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. Sampel (F4)			% inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
10	0,88	0,582	0,581	0,581	33,86	33,98	33,98	32,70	32,59	32,61	32,64	0,06
20	0,88	0,513	0,512	0,513	41,70	41,82	41,70					
30	0,88	0,449	0,448	0,448	48,98	49,09	49,09					
40	0,88	0,411	0,411	0,410	53,30	53,30	53,41					
50	0,88	0,335	0,335	0,335	61,93	61,93	61,93					
60	0,88	0,265	0,264	0,265	69,89	70,00	69,89					

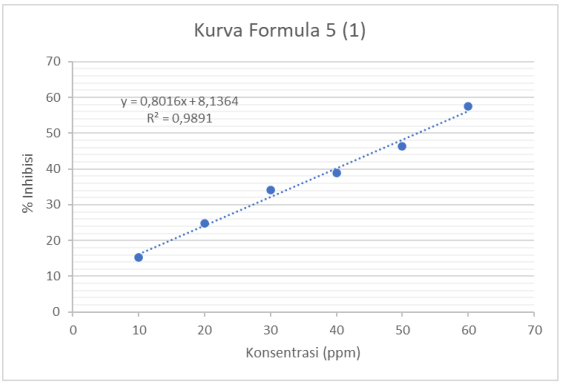


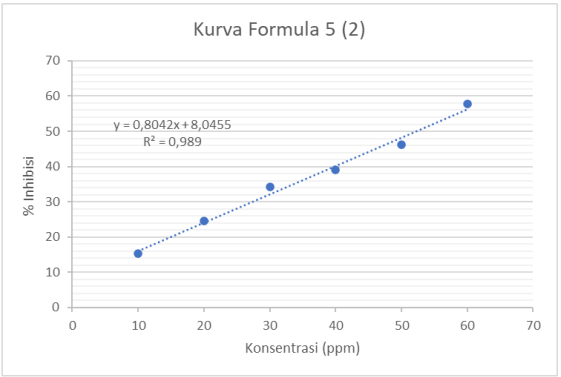


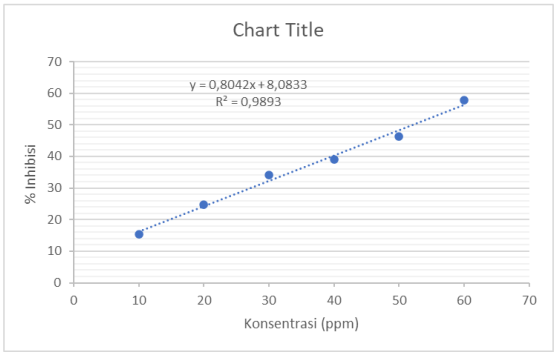


7. Antioksidan formula 5

Konsentrasi (µg/mL)	Abs. Kontrol	Abs. Sampel (F5)			% inhibisi			IC50			Rata rata IC50	SD
		1	2	3	1	2	3	1	2	3		
10	0,880	0,745	0,745	0,745	15,34	15,34	15,34	52,23	52,17	52,12	52,17	0,05
20	0,880	0,662	0,663	0,662	24,77	24,66	24,77					
30	0,880	0,579	0,579	0,579	34,20	34,20	34,20					
40	0,880	0,537	0,537	0,537	38,98	38,98	38,98					
50	0,880	0,473	0,473	0,472	46,25	46,25	46,36					
60	0,880	0,373	0,372	0,372	57,61	57,73	57,73					







Lampiran 17. Hasil Uji Statistik

1. Uji kadar air

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Formula	Statistic	df	Sig.	Statistic	df	Sig.
Kadar_air	Formula 1	.219	3	.	.987	3	.780
	Formula 2	.328	3	.	.871	3	.298
	Formula 3	.328	3	.	.871	3	.298
	Formula 4	.292	3	.	.923	3	.463
	Formula 5	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar_air	Based on Mean	1.517	4	10	.270
	Based on Median	.246	4	10	.906
	Based on Median and with adjusted df	.246	4	6.624	.903
	Based on trimmed mean	1.357	4	10	.316

ANOVA

Kadar_air

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.181	4	.045	70.088	<,001
Within Groups	.006	10	.001		
Total	.188	14			

Multiple Comparisons

Dependent Variable: Kadar_air

Tukey HSD

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula 1	Formula 2	.21667*	.02076	<,001	.1483	.2850
	Formula 3	.12000*	.02076	.001	.0517	.1883
	Formula 4	-.07333*	.02076	.034	-.1417	-.0050
	Formula 5	.18333*	.02076	<,001	.1150	.2517
Formula 2	Formula 1	-.21667*	.02076	<,001	-.2850	-.1483
	Formula 3	-.09667*	.02076	.006	-.1650	-.0283
	Formula 4	-.29000*	.02076	<,001	-.3583	-.2217
	Formula 5	-.03333	.02076	.526	-.1017	.0350
Formula 3	Formula 1	-.12000*	.02076	.001	-.1883	-.0517
	Formula 2	.09667*	.02076	.006	.0283	.1650
	Formula 4	-.19333*	.02076	<,001	-.2617	-.1250
	Formula 5	.06333	.02076	.073	-.0050	.1317
Formula 4	Formula 1	.07333*	.02076	.034	.0050	.1417
	Formula 2	.29000*	.02076	<,001	.2217	.3583
	Formula 3	.19333*	.02076	<,001	.1250	.2617
	Formula 5	.25667*	.02076	<,001	.1883	.3250
Formula 5	Formula 1	-.18333*	.02076	<,001	-.2517	-.1150
	Formula 2	.03333	.02076	.526	-.0350	.1017
	Formula 3	-.06333	.02076	.073	-.1317	.0050
	Formula 4	-.25667*	.02076	<,001	-.3250	-.1883

*. The mean difference is significant at the 0.05 level.

2. Uji laju alir

Tests of Normality

	Formula	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Laju_Alir	Formula 1	.219	3	.	.987	3	.780
	Formula 2	.232	3	.	.980	3	.726
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.253	3	.	.964	3	.637
	Formula 5	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Laju_Alir	Based on Mean	.995	4	10	.454
	Based on Median	.538	4	10	.711
	Based on Median and with adjusted df	.538	4	6.377	.714
	Based on trimmed mean	.962	4	10	.469

ANOVA

Laju_Alir

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.193	4	.048	71.510	<,001
Within Groups	.007	10	.001		
Total	.199	14			

Multiple Comparisons

Dependent Variable: Laju_Alir

Tukey HSD

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
Formula 1	Formula 2	.09000*	.02119	.011	.0203	.1597
	Formula 3	-.07667*	.02119	.030	-.1464	-.0069
	Formula 4	-.17667*	.02119	<,001	-.2464	-.1069
	Formula 5	-.22000*	.02119	<,001	-.2897	-.1503
Formula 2	Formula 1	-.09000*	.02119	.011	-.1597	-.0203
	Formula 3	-.16667*	.02119	<,001	-.2364	-.0969
	Formula 4	-.26667*	.02119	<,001	-.3364	-.1969
	Formula 5	-.31000*	.02119	<,001	-.3797	-.2403
Formula 3	Formula 1	.07667*	.02119	.030	.0069	.1464
	Formula 2	.16667*	.02119	<,001	.0969	.2364
	Formula 4	-.10000*	.02119	.006	-.1697	-.0303
	Formula 5	-.14333*	.02119	<,001	-.2131	-.0736
Formula 4	Formula 1	.17667*	.02119	<,001	.1069	.2464
	Formula 2	.26667*	.02119	<,001	.1969	.3364
	Formula 3	.10000*	.02119	.006	.0303	.1697
	Formula 5	-.04333	.02119	.313	-.1131	.0264
Formula 5	Formula 1	.22000*	.02119	<,001	.1503	.2897
	Formula 2	.31000*	.02119	<,001	.2403	.3797
	Formula 3	.14333*	.02119	<,001	.0736	.2131
	Formula 4	.04333	.02119	.313	-.0264	.1131

*. The mean difference is significant at the 0.05 level.

3. Uji sudut istirahat

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Formula	Statistic	df	Sig.	Statistic	df	Sig.
Sudut_istirahat	Formula 1	.295	3	.	.919	3	.450
	Formula 2	.348	3	.	.833	3	.197
	Formula 3	.329	3	.	.869	3	.292
	Formula 4	.377	3	.	.769	3	.042
	Formula 5	.210	3	.	.991	3	.820

a. Lilliefors Significance Correction

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Sudut_istirahat	Based on Mean	.896	4	10	.501
	Based on Median	.143	4	10	.962
	Based on Median and with adjusted df	.143	4	7.617	.961
	Based on trimmed mean	.791	4	10	.557

ANOVA

Sudut_istirahat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.997	4	2.749	16.105	<,001
Within Groups	1.707	10	.171		
Total	12.705	14			

Multiple Comparisons

Dependent Variable: Sudut_istirahat

Tukey HSD

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula 1	Formula 2	2.33000*	.33736	<,001	1.2197	3.4403
	Formula 3	1.50667*	.33736	.008	.3964	2.6169
	Formula 4	.20000	.33736	.973	-.9103	1.3103
	Formula 5	.98333	.33736	.089	-.1269	2.0936
Formula 2	Formula 1	-2.33000*	.33736	<,001	-3.4403	-1.2197
	Formula 3	-.82333	.33736	.181	-1.9336	.2869
	Formula 4	-2.13000*	.33736	<,001	-3.2403	-1.0197
	Formula 5	-1.34667*	.33736	.017	-2.4569	-.2364
Formula 3	Formula 1	-1.50667*	.33736	.008	-2.6169	-.3964
	Formula 2	.82333	.33736	.181	-.2869	1.9336
	Formula 4	-1.30667*	.33736	.020	-2.4169	-.1964
	Formula 5	-.52333	.33736	.556	-1.6336	.5869
Formula 4	Formula 1	-.20000	.33736	.973	-1.3103	.9103
	Formula 2	2.13000*	.33736	<,001	1.0197	3.2403
	Formula 3	1.30667*	.33736	.020	.1964	2.4169
	Formula 5	.78333	.33736	.215	-.3269	1.8936
Formula 5	Formula 1	-.98333	.33736	.089	-2.0936	.1269
	Formula 2	1.34667*	.33736	.017	.2364	2.4569
	Formula 3	.52333	.33736	.556	-.5869	1.6336
	Formula 4	-.78333	.33736	.215	-1.8936	.3269

*. The mean difference is significant at the 0.05 level.

4. Kompresibitas

Tests of Normality

	Formula	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kompresibilitas	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.219	3	.	.987	3	.780
	Formula 4	.175	3	.	1.000	3	1.000
	Formula 5	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kompresibilitas	Based on Mean	2.000	4	10	.171
	Based on Median	.803	4	10	.550
	Based on Median and with adjusted df	.803	4	5.099	.571
	Based on trimmed mean	1.901	4	10	.187

ANOVA

Kompresibilitas

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.375	4	2.594	1826.650	<,001
Within Groups	.014	10	.001		
Total	10.390	14			

Multiple Comparisons

Dependent Variable: Kompresibilitas

Tukey HSD

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula 1	Formula 2	-1.63000*	.03077	<,001	-1.7313	-1.5287
	Formula 3	.36667*	.03077	<,001	.2654	.4679
	Formula 4	.56333*	.03077	<,001	.4621	.6646
	Formula 5	.59333*	.03077	<,001	.4921	.6946
Formula 2	Formula 1	1.63000*	.03077	<,001	1.5287	1.7313
	Formula 3	1.99667*	.03077	<,001	1.8954	2.0979
	Formula 4	2.19333*	.03077	<,001	2.0921	2.2946
	Formula 5	2.22333*	.03077	<,001	2.1221	2.3246
Formula 3	Formula 1	-.36667*	.03077	<,001	-.4679	-.2654
	Formula 2	-1.99667*	.03077	<,001	-2.0979	-1.8954
	Formula 4	.19667*	.03077	<,001	.0954	.2979
	Formula 5	.22667*	.03077	<,001	.1254	.3279
Formula 4	Formula 1	-.56333*	.03077	<,001	-.6646	-.4621
	Formula 2	-2.19333*	.03077	<,001	-2.2946	-2.0921
	Formula 3	-.19667*	.03077	<,001	-.2979	-.0954
	Formula 5	.03000	.03077	.860	-.0713	.1313
Formula 5	Formula 1	-.59333*	.03077	<,001	-.6946	-.4921
	Formula 2	-2.22333*	.03077	<,001	-2.3246	-2.1221
	Formula 3	-.22667*	.03077	<,001	-.3279	-.1254
	Formula 4	-.03000	.03077	.860	-.1313	.0713

*. The mean difference is significant at the 0.05 level.

5. Waktu melarut

Tests of Normality

	Formula	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
waktu_melarut	Formula 1	.175	3	.	1.000	3	1.000
	Formula 2	.228	3	.	.982	3	.743
	Formula 3	.284	3	.	.933	3	.502
	Formula 4	.210	3	.	.991	3	.819
	Formula 5	.265	3	.	.953	3	.583

a. Lilliefors Significance Correction

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
waktu_melarut	Based on Mean	.680	4	10	.621
	Based on Median	.281	4	10	.884
	Based on Median and with adjusted df	.281	4	7.038	.881
	Based on trimmed mean	.649	4	10	.641

ANOVA

waktu_melarut

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.149	4	3.037	22.878	<,001
Within Groups	1.328	10	.133		
Total	13.477	14			

Multiple Comparisons

Dependent Variable: waktu_melarut

Tukey HSD

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
Formula 1	Formula 2	.34667	.29750	.770	-.6324	1.3258
	Formula 3	1.49333*	.29750	.004	.5142	2.4724
	Formula 4	-.74000	.29750	.170	-1.7191	.2391
	Formula 5	-1.07333*	.29750	.031	-2.0524	-.0942
Formula 2	Formula 1	-.34667	.29750	.770	-1.3258	.6324
	Formula 3	1.14667*	.29750	.021	.1676	2.1258
	Formula 4	-1.08667*	.29750	.029	-2.0658	-.1076
	Formula 5	-1.42000*	.29750	.005	-2.3991	-.4409
Formula 3	Formula 1	-1.49333*	.29750	.004	-2.4724	-.5142
	Formula 2	-1.14667*	.29750	.021	-2.1258	-.1676
	Formula 4	-2.23333*	.29750	<,001	-3.2124	-1.2542
	Formula 5	-2.56667*	.29750	<,001	-3.5458	-1.5876
Formula 4	Formula 1	.74000	.29750	.170	-.2391	1.7191
	Formula 2	1.08667*	.29750	.029	.1076	2.0658
	Formula 3	2.23333*	.29750	<,001	1.2542	3.2124
	Formula 5	-.33333	.29750	.793	-1.3124	.6458
Formula 5	Formula 1	1.07333*	.29750	.031	.0942	2.0524
	Formula 2	1.42000*	.29750	.005	.4409	2.3991
	Formula 3	2.56667*	.29750	<,001	1.5876	3.5458
	Formula 4	.33333	.29750	.793	-.6458	1.3124

*. The mean difference is significant at the 0.05 level.

Lampiran 18. Hasil Turnitin

Skripsi_kompre-1754339854770

ORIGINALITY REPORT

10%	11%	3%	2%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	journals.upi-yai.ac.id Internet Source	2%
2	sains.uho.ac.id Internet Source	1%
3	prosiding.unipma.ac.id Internet Source	1%
4	repository.umnaw.ac.id Internet Source	1%
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Lampiran 19. Kartu Bukti Bimbingan

No	Tanggal	Dosen Pembimbing	Topik	Disetujui	Aksi
1	8 Maret 2025	Drs. apt. Rahmat Santoso, M.Si	Revisi Formulasi	✔	
1	9 April 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Laporan Evaluasi Mikropartikel	✔	
2	18 Maret 2025	Drs. apt. Rahmat Santoso, M.Si	Orientasi alat	✔	
2	16 April 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Bimbingan Hasil Evalusi	✔	
3	9 April 2025	Drs. apt. Rahmat Santoso, M.Si	Bimbingan Hasil Evalusi	✔	
3	4 Juni 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Laporan Evaluasi Mikropartikel	✔	
4	23 April 2025	Drs. apt. Rahmat Santoso, M.Si	Diskusi	✔	
4	9 Juli 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Laporan Evaluasi Mikropartikel	✔	
5	9 Juli 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Diskusi	✔	
5	2 Mei 2025	Drs. apt. Rahmat Santoso, M.Si	Kemajuan TA 2	✔	
6	3 Mei 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Kemajuan TA 2	✔	
6	5 Mei 2025	Drs. apt. Rahmat Santoso, M.Si	Kemajuan TA 2	✔	
7	9 Juli 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Konsultasi	✔	
7	28 Mei 2025	Drs. apt. Rahmat Santoso, M.Si	Laporan Evaluasi Mikropartikel	✔	
8	23 Juni 2025	Drs. apt. Rahmat Santoso, M.Si	Diskusi	✔	
8	11 Juli 2025	apt. Yanni Dhiani Mardhiani, M.BSc.	Konsultasi	✔	
9	1 Juli 2025	Drs. apt. Rahmat Santoso, M.Si	Diskusi	✔	
10	2 Juli 2025	Drs. apt. Rahmat Santoso, M.Si	Laporan	✔	
11	5 Juli 2025	Drs. apt. Rahmat Santoso, M.Si	Laporan	✔	

Lampiran 20. *Curriculum Vitae*

SISKA SUKMANINGSIH

+62 812 2275 1041 | siskasukmaningsih@gmail.com | Bandung, Jawa Barat
www.reallygreatsite.com

PROFIL SINGKAT

Seorang lulusan S1 Farmasi dengan pengalaman praktis dari program pengabdian masyarakat dan magang riset penelitian. Memiliki kemampuan analitis, mampu beradaptasi dengan lingkungan kerja yang dinamis, mampu bekerja sama dengan tim, memiliki komunikasi efektif, dan penyelesaian masalah. Saya siap untuk berkontribusi dalam posisi yang membutuhkan keahlian analitis dan kolaborasi.

RIWAYAT PENDIDIKAN

UNIVERSITAS BHAKTI KENCANA

Sarjana Farmasi (IPK 3.46/4.00) **2021 - 2025**

- Lulus dengan predikat sangat memuaskan
- Judul Skripsi : Formulasi dan Evaluasi Sediaan Mikropartikel Ekstrak Etanol Daun Salam *(Syzygium Polyanthum)* sebagai Antioksidan

PENGALAMAN

Mahasiswa MBKM KKN-T LLDIKTI **Februari - Juni 2024**

Merdeka Belajar Kampus Merdeka bidang Pengabdian Masyarakat

- Menjadi pemateri di posyandu remaja
- Melakukan pemeriksaan fisik di posyandu bayi dan balita
- Melakukan pendataan balita/batita stunting, ibu hamil dengan kondisi KEK, serta lansia untuk menyaluran bantuan
- Berkontribusi dalam pembangunan dan pembuatan artikel “Si Tampan” (Inovasi Taman Kehidupan)

Mahasiswa MBKM Riset Penelitian **Oktober 2024 - Februari 2025**

Merdeka Belajar Kampus Merdeka bidang penelitian

- Membuat skema penelitian
- Melakukan penyiapan bahan baku untuk dibuat ekstrak
- Melakukan tahapan ekstraksi sampai memperoleh ekstrak kental untuk sediaan
- Melakukan formulasi dan evaluasi sediaan mikropartikel

PRESTASI

- Juara 1 PKM Internal (Program Kreativitas Mahasiswa) 2023
- Peserta P2MW (Program Pembinaan Mahasiswa Wirausaha 2023)
- Juara 1 Puteri Wisata Jawa Barat 2025

KEMAMPUAN TEKNIKAL

- Aplikasi Office (Word, Excel, PowerPoint)
- Bahasa Indonesia (aktif)
- Bahasa Inggiris (pasif)
- Pengembangan sediaan

KEMAMPUAN PERSONAL

- Komunikasi
- Kerja sama tim
- Pemecahan masalah
- Kemampuan manajemen waktu