

Lampiran A. Hasil determinasi

HERBARIUM JATINANGOR
 LABORATORIUM TAKSONOMI TUMBUHAN
 DEPARTEMEN BIOLOGI FMIPA UNPAD
 Gedung D2-212, Jl. Raya Bandung-Sumedang Km 21 Jatinangor
 Telp. 022-7796412, email: planttaxonom@unpad.ac.id

LEMBAR IDENTIFIKASI TUMBUHAN
 No.040/HB/01/2019

Herbarium Jatinangor, Laboratorium Taksonomi Tumbuhan, Departemen Biologi FMIPA

UNPAD, dengan ini menyatakan bahwa :

Nama : Gina Gusyah Amaliah
 NPM : 11151612
 Instansi : Sekolah Tinggi Farmasi Bandung
 Telah melakukan identifikasi tumbuhan, dengan No. Koleksi : -
 Tanggal Koleksi : 15 Januari 2019
 Lokasi : Chidley

Hasil identifikasi,
 Nama ilmiah : *Solanum tuberosum L.*
 Sinonim : *Solanum esculentum Bakker*
 Nama Lokal : Kentang
 Suku/Famili : Solanaceae

Klasifikasi (Hierarki Taksonomi)
 Kingdom : Plantae
 Divisi : Magnoliophyta
 Class : Magnoliopsida
 Ordo : Solanales
 Family : Solanaceae
 Genus : Solanum
 Species : *Solanum tuberosum L.*

Referensi:

Backer, C. A. and Bakhuizen v/d Brink R. C Jr. 1963. *Flora of Java*. Wolter-Noordhoff NV, Grootingen.

Cronquist, Arthur. 1981. *An Integrated System of Classification of Flowering Plants*. Columbia University Press, New York

The Plant List. Website Dunia Tumbuhan. <http://www.theplantlist.org/tpl1.1/record/kew-713>
 Diakses tanggal, 19 Januari 2019.

Jatinangor, 19 Januari 2019

Identifikasi



Drs. Jaka Kurniawan, M.P.
 NIP. 19600801 199101 1 001

Lampiran B. COA Avicel® 102

accent

Quality Control
CERTIFICATE OF ANALYSIS

Product	ACROCENT ALLIAGE CELLULOSE NF	Batch no. : 3077351
Grade	ACCEL 302	Month of Mfg: Jul 2021
Party Name	Indevco Pharmaceuticals Pvt Ltd	Month of Exp: Oct 2023
MOA	USP/NF, Ph.Eur./BP	Batch Qty: 200 Kgs

[illegible]

Size (g/L)	Batch Results	In House Specifications
Batch Density	0.2224 g/mL	0.28 to 0.48 g/mL
Acid (G/Gd)	90.25%	97.0% in 102.5%
Sulfate Analysis (% Remaining)	71	± 8.0%
Oil Mesh	18.0 (20%)	18.0 (20%)
PHU Mesh		
Particle Size Distribution:		
D ₁₀	41 μ	≤ 40 μ
D ₅₀	80 μ	70 – 100 μ
D ₉₀	330 μ	≤ 340 μ

MICHAEL L. LAMBERT

True v. false Anolis Green	45	N.A.T.T. 10000/hg at 125PNT, 30 PA, Esc. BP
True v. false Marbled Green	NH	N.A.T.T. 10000/hg at 125PNT, 30 PA, Esc. BP
Stately-Innocent anoles	Abundant	Abundant at 125PNT, 30 PA, Esc. BP
Indistinctus Cati	Abundant	Abundant at 125PNT, 30 PA, Esc. BP
Poecilonotus tenuipennis	Abundant	Abundant at 125PNT, 30 PA, Esc. BP
Unknown to species	Abundant	Abundant at 125PNT, 30 PA, Esc. BP

The raw materials, manufacturing process, and product do not contain any of substances listed in Organic Volatile Impurities (USP-4475) & residual solvents (21-CDR-44).
Storage recommendations: Protect in light conditions.



QUALITY CONTROL DEPT.

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Phone: +81 75-8042261 / 22622
E-mail: info@jstec.or.jp
www.jstec.or.jp

1. *Chlorophyll a* (Chl *a*)
2. *Chlorophyll b* (Chl *b*)
3. *Chlorophyll c* (Chl *c*)
4. *Chlorophyll d* (Chl *d*)
5. *Chlorophyll e* (Chl *e*)
6. *Chlorophyll f* (Chl *f*)
7. *Chlorophyll g* (Chl *g*)
8. *Chlorophyll h* (Chl *h*)
9. *Chlorophyll i* (Chl *i*)
10. *Chlorophyll j* (Chl *j*)
11. *Chlorophyll k* (Chl *k*)
12. *Chlorophyll l* (Chl *l*)
13. *Chlorophyll m* (Chl *m*)
14. *Chlorophyll n* (Chl *n*)
15. *Chlorophyll o* (Chl *o*)
16. *Chlorophyll p* (Chl *p*)
17. *Chlorophyll q* (Chl *q*)
18. *Chlorophyll r* (Chl *r*)
19. *Chlorophyll s* (Chl *s*)
20. *Chlorophyll t* (Chl *t*)
21. *Chlorophyll u* (Chl *u*)
22. *Chlorophyll v* (Chl *v*)
23. *Chlorophyll w* (Chl *w*)
24. *Chlorophyll x* (Chl *x*)
25. *Chlorophyll y* (Chl *y*)
26. *Chlorophyll z* (Chl *z*)
27. *Chlorophyll aa* (Chl *aa*)
28. *Chlorophyll ab* (Chl *ab*)
29. *Chlorophyll ac* (Chl *ac*)
30. *Chlorophyll ad* (Chl *ad*)
31. *Chlorophyll ae* (Chl *ae*)
32. *Chlorophyll af* (Chl *af*)
33. *Chlorophyll ag* (Chl *ag*)
34. *Chlorophyll ah* (Chl *ah*)
35. *Chlorophyll ai* (Chl *ai*)
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39. *Chlorophyll am* (Chl *am*)
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41. *Chlorophyll ao* (Chl *ao*)
42. *Chlorophyll ap* (Chl *ap*)
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106. *Chlorophyll azz* (Chl *azz*)
107. *Chlorophyll azaa* (Chl *aza*)
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132. *Chlorophyll ayz* (Chl *ayz*)
133. *Chlorophyll azz* (Chl *azz*)
134. *Chlorophyll azaa* (Chl *aza*)
135. *Chlorophyll abz* (Chl *abz*)
136. *Chlorophyll acz* (Chl *acz*)
137. *Chlorophyll adz* (Chl *adz*)
138. *Chlorophyll aez* (Chl *aez*)
139. *Chlorophyll afz* (Chl *afz*)
140. *Chlorophyll agz* (Chl *agz*)
141. *Chlorophyll ahz* (Chl *ahz*)
142. *Chlorophyll aiz* (Chl *aiz*)
143. *Chlorophyll ajz* (Chl *ajz*)
144. *Chlorophyll akz* (Chl *akz*)
145. *Chlorophyll alz* (Chl *alz*)
146. *Chlorophyll amz* (Chl

Lampiran C. Pembuatan SM *Nata de tuberosum*

		
Kentang yang sudah dikupas, dipotong dan dicuci bersih	Sari kentang	<i>Nata de tuberosum</i>
		
<i>Nata de tuberosum</i> menjadi keping selulosa setelah di keringkan	Serbuk selulosa	Alfa selulosa
SM <i>Nata de tuberosum</i> 		



Lampiran D. Uji karakteristik selulosa mikrokristal

Uji organoleptik



SM metode
penambahan sukrosa



SM metode
penambahan starter



SM metode
hidrolisis

Uji identifikasi



SM metode
penambahan sukrosa



SM metode
penambahan starter



SM metode
hidrolisis

Uji pati



SM metode
penambahan sukrosa



SM metode
penambahan starter



SM metode
hidrolisis

Lampiran E. Uji Statistik

ANOVA

df

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.068	2	.534	.043	.932
Within Groups	3.493	8	.437		
Total	4.561	10			

ANOVA

df

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.270	2	.135	2.125	.156
Within Groups	.285	8	.036		
Total	.555	10			

ANOVA

N_1440

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.476	2	.238	108.818	.000
Within Groups	.847	8	.106		
Total	1.323	10			

ANOVA

N_14400

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.209	2	.105	187.583	.000
Within Groups	.001	8	.000		
Total	.210	10			

ANOVA

N_1_48

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.007	2	.003	.203	.827
Within Groups	3.718	8	.465		
Total	3.725	10			

ANOVA

N_144_1440

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	132.718	2	66.359	102.587	.000
Within Groups	21.027	8	2.628		
Total	153.745	10			

AMTAR

Kampiran B (Ries)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	38.796	3	12.932	2.712	.077
Within Groups	492.072	8	61.509		
Total	530.868	11			

AMTAR

Kampiran C

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.036	2	2.018	1.836	.208
Within Groups	97.1	6	16.183		
Total	101.136	8			

AMTAR

Kampiran D

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	27.801	3	9.267	7.274	.011
Within Groups	8.316	8	1.039		
Total	36.117	11			