

PT Charoen Pokphand Indonesia
Food Division
R&D Department

BUKTI PENYERAHAN DOKUMEN TERKENDALI PD

Tgl : 20/10/2023

Nama Dokumen : Rekomendasi No. 60/PD/X/23

CORN STARCH MIWON (REVISI)

Copy No. <u>1</u>	Copy No. <u>2</u>	Copy No. <u>3</u>	Copy No. <u>4</u>	Copy No. <u>5</u>
Diterima Oleh	Diterima Oleh	Diterima Oleh	Diterima Oleh	Diterima Oleh
Dept. : P P I C	Dept. : Purchase	Dept. : Q C	Dept. : Q A	Dept. : D C C
Nama : _____	Nama : _____	Nama : _____	Nama : _____	Nama : _____
Tgl : <u>20/10/2023</u>	Tgl : <u>20/10/2023</u>	Tgl : <u>20/10/2023</u>	Tgl : <u>20/10/2023</u>	Tgl : <u>20/10/2023</u>
Copy No. <u>6</u>	Copy No. <u>7</u>	Copy No. <u>8</u>	Copy No. <u>9</u>	Copy No. <u>10</u>
Diterima Oleh	Diterima Oleh	Diterima Oleh	Diterima Oleh	Diterima Oleh
Dept. : Premix	Dept. : Warehouse	Dept. : QC Salatiga Plant	Dept. : QC Surabaya Plant	Dept. : QC Ngoro Plant
Nama : _____	Nama : _____	Nama : _____	Nama : _____	Nama : _____
Tgl : _____	Tgl : _____	Tgl : <u>20/10/2023</u>	Tgl : _____	Tgl : <u>20/10/2023</u>
Copy No. <u>11</u>	Copy No. <u>12</u>	Copy No. <u>13</u>	Copy No. <u>14</u>	Copy No. <u>15</u>
Diterima Oleh	Diterima Oleh	Diterima Oleh	Diterima Oleh	Diterima Oleh
Dept. : QC Medan Plant	Dept. : QC Bandung Plant	Dept. : <u>PLANT 2</u>	Dept. : P P I C	Dept. : P P I C
Nama : _____	Nama : _____	Nama : _____	Nama : _____	Nama : _____
Tgl : <u>20/10/2023</u>	Tgl : <u>20/10/2023</u>	Tgl : <u>20/10/2023</u>	Tgl : _____	Tgl : _____

PT Charoen Pokphand Indonesia
Food Division

No. : 60/PD/X/23
Issue Date : 12-Oct-23
Revision :
Revision Date :
Product Category : COS

SURAT REKOMENDASI

Produk : CORN STARCH
Tipe /Spesifikasi : Powder
Nama Produsen : PT.DAESANG INGREDIENTS INDONESIA
Alamat : Jl. Raya Driyorejo KM 24, Kel. Driyorejo, Kec. Driyorejo
Kab. Gresik 61177 Jawa Timur
Nama Supplier/Distributor : PT.AGROMAS GEMILANG
Alamat : JL.BOULEVARD GADING SERPONG RUKO PARAMOUNT RODEO
BLOK C NO.21 TANGERANG 15835
No Telp./Fax : Telp. (021) 4786 3124 Fax. (021) 4786 3146
Contact Person : Bapak Dwi Agus Sulistyو (0811-119-001)
Ibu Winda (0822-1868-19890

Kelengkapan dokumen¹ (dilampirkan)
(a) HALAL : (ada/tidak ada) Keterangan: BPJPH
(b) Spesifikasi/ MSDS (Material Safety Data Sheet) : (ada/tidak ada) Keterangan: Spesifikasi, MSDS
(c) FOOD GRADE STATUS/LoG : (ada/tidak ada) Keterangan: LOG, Allergen, Food Grade
(d) GMO STATUS³ : (ada/tidak ada) Keterangan: Hasil uji GMO

Keterangan:
¹ Coret yang tidak perlu ² Khusus untuk packaging dan chemical ³ Untuk produk yang mengandung kedelai, kentang, dan jagung dan turunannya

Produk tersebut DIREKOMENDASIKAN UNTUK DIBELI

CATATAN:

Dibuat Oleh :	Mengetahui :	Disetujui Oleh :
		
(Rangga Adityas) PD Manager Dry	(Irvan Yoga) PD Manager Koordinator AHI	(Cynthia Dewi Adikara) HEAD PDQC/QA

- Tembusan:
- 1. GM Production
 - 2. Warehouse Department
 - 3. PPIC Department
 - 4. QA Section
 - 5. QC Section
 - 6. Premix Section





بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

مَجْلِسُ الْعُلَمَاءِ الْإِسْلَامِيِّ

MAJELIS ULAMA INDONESIA
THE INDONESIAN COUNCIL OF ULAMA

KETETAPAN HALAL

اثبات الحلال
HALAL DECREE

No : LPPOM-00220093590119 : الرقم

إن مجلس العلماء الاندونيسي - بعد الاختبارات والبحوث - بالإعتماد علي فحص المحتويات والإجرات من
Majelis Ulama Indonesia (MUI), after reviewing, and delibrating the audit result coducted by:

THE ASSESSMENT INSTITUTE FOR FOODS, DRUGS AND COSMETICS OF MUI
(LPPOM MUI)

قرر بان المنتجات الغذائية أو الأدوية أو مستحضرات التجميل المبين اسمها أدناه حلال حسب متطلبات الشريعة الإسلامية
مادامت تركيبات المواد المشر إليها وعملية إنتاجها ونظام ضمان الحلال (HAS 23000) مطابقة علي الشكل الذي قرره قسم
الإفتاء بالمجلس

declares that the product(s) stated below HALAL according to the Islamic Law as long as the ingredients,
production process, and the implementation of Halal Assurance System (HAS 23000) are in accordance to the
decree of Fatwa Commission of the Indonesian Council of Ulama.

Name of Company : PT DAESANG INGREDIENTS INDONESIA : اسم الشركة
Product Group : FLOUR, STARCH AND DERIVATIVE/PROCESSED PRODUCTS (TEPUNG, : عنوان الشركة
PATI DAN PRODUK TURUNAN/OLAHANNYA)

قائمة المنتجات الحلال و منشأة الإنتاج مرفقة في مرسوم رسالة إثبات الحلال

The list of products and facilities can be seen in the attachment of the Halal Decree

Issued in Jakarta on : 31 AGUSTUS 2022 : اصدرت هذه الشهادة بجاكرتا في :

Valid until : 30 AGUSTUS 2026 : وصالحة إلى

رئيس قسم الإفتاء بالمجلس
CHAIRPERSON OF MUI FATWA
DIVISION

Dr. H.M. ASRORUN NI'AM
SHOLEH, M.A.

نائب الرئيس الرئيس العام للمجلس
VICE CHAIRMAN OF MUI

Dr. K.H. MARSUDI SYUHUD, M.B.A.

مديرة لجنة البحوث في الأ طعمة و الأ دويه

ومستحضرات التجميل بالمجلس

THE ASSESSMENT INSTITUTE

FOR FOODS, DRUGS AND COSMETICS OF MUI
(LPPOM MUI)

PRESIDENT DIRECTOR

Ir. Hj. MUTI ARINTAWATI, M.Si.

SCAN FOR VIEW LIST OF CERTIFIED PRODUCT





REPUBLIK INDONESIA
(REPUBLIC OF INDONESIA)

جمهورية إندونيسيا

SERTIFIKAT HALAL
(HALAL CERTIFICATE)

شهادة الحلال

Nomor Sertifikat
Certificate Number

ID00410000399460722

رقم الشهادة

Berdasarkan keputusan penetapan halal produk Majelis Ulama Indonesia nomor :
Based on the decree to stipulating halal products of the Indonesian Council of Ulama :

: استنادا على قرار مجلس العلماء الإندونيسي عن تحديد الحلال للمنتجات :

LPPOM-00220093590119 Tanggal 7 September 2022

Jenis Produk
Type of Product

Serealiala dan produk serealiala yang merupakan produk turunan dari biji serealiala, akar dan umbi, kacang-kacangan dan empulur dengan pengolahan dan penambahan bahan tambahan pangan

نوع المنتج

Nama Produk
Name of Product

-Terlampir / As Attached-

اسم المنتج

Nama Pelaku Usaha
Name of Company

PT Daesang Ingredients Indonesia

اسم الشركة

Alamat Pelaku Usaha
Company's Address

Jl. Perintis Kemerdekaan No.1-3, Kel. Pulo Gadung, Kec. Pulogadung, Kota Adm. Jakarta Timur, DKI Jakarta, 13260, Indonesia

عنوان الشركة

Diterbitkan di Jakarta pada
Issued in Jakarta on

8 September 2022

أصدرت الشهادة بجاكرتا في

Berlaku sampai dengan
Valid until

8 September 2026

سارية المفعول حتى

telah memenuhi ketentuan perundang-undangan
Has complied with the provision of laws and regulations

قد استوفت أحكام التشريع

KEPALA
BADAN PENYELENGGARA JAMINAN PRODUK HALAL
HEAD OF HALAL PRODUCT ASSURANCE BODY

رئيس وكالة ضمان المنتجات الحلال



Muhammad Aqil Irham

Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Sertifikasi Elektronik, BSSN





REPUBLIK INDONESIA
(REPUBLIC OF INDONESIA)

جمهورية إندونيسيا

LAMPIRAN SERTIFIKAT HALAL
(THE ATTACHMENT OF HALAL CERTIFICATE)

مرفقة لشهادة الحلال

Nomor Sertifikat
Certificate Number

ID00410000399460722

رقم الشهادة

Nama Pelaku Usaha
Name of Company

PT Daesang Ingredients Indonesia

اسم الشركة

Jenis Produk
Type of Product

Serealiala dan produk serealiala yang merupakan produk turunan dari biji serealiala, akar dan umbi, kacang-kacangan dan empulur dengan pengolahan dan penambahan bahan tambahan pangan

نوع المنتج

Alamat Pabrik
Factory's Address

PT Daesang Ingredients Indonesia
Jl. Raya Driyorejo KM 24, Kel. Driyorejo, Kec. Driyorejo Kab. Gresik 61177 Jawa Timur

عنوان المصنع

Daftar Produk / Product Name

No	Nama Produk / Product Name
1	Corn Steep Liquor
2	Corn Germ
3	Pati Jagung (Corn Starch)
4	Corn Starch Slurry

Hal: 1 / Total Produk: 4

Diterbitkan di Jakarta pada
Issued in Jakarta on

8 September 2022

Berlaku sampai dengan
Valid until

8 September 2026

أصدرت الشهادة بجاكرتا في
سارية المفعول حتى

KEPALA
BADAN PENYELENGGARA JAMINAN PRODUK HALAL
HEAD OF HALAL PRODUCT ASSURANCE BODY
رئيس وكالة ضمان المنتجات الحلال



Muhammad Aqil Irham

Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Sertifikasi Elektronik, BSSN



PRODUCT SPECIFICATION

1. Name of Product : Corn Starch
2. Formula : $(C_6H_{10}O_5)_n$
3. Weight of Molecule : $(180.16)_n$ g/mol
4. Manufacturer : PT. Daesang Ingredients Indonesia
5. Physical and Chemical Specification :

NO	PARAMETER	SPECIFICATION	METHOD
1	Appearance	White Powder	Organoleptic
2	Odor	Normal	Organoleptic
3	Moisture content	Max. 13.5 %	Moisture Analyzer
4	Whiteness	Min. 90.0	Whiteness Analyzer
5	pH 10 %	4.5 – 7.0	pH Meter
6	Protein	Max. 0.350 %	Kjeldahl
7	Total Starch	Min. 98.0 %	Enzymatic
8	Fineness (mesh 100)	Min. 98.5 %	SNI 8523:2018
9	SO ₂	Max. 30 ppm	Titrimetry
10	Total Ash	Max. 0.15 (% w/w)	Ash Furnace, 600°C 5 hr
11	Total Plate Count*	Max. 1×10^6 (colony/g)	USFDA-BAM Chapter 3, January 2001
12	Yeast & Mould*	Max. 1×10^4 (colony/g)	USFDA-BAM Chapter 18, April 2001
13	Bacillus cereus*	Max. 1×10^4 (colony/g)	USFDA-BAM Chapter 14, November 2019
14	<i>E. Coli</i> *	Maks 11 MPN/g	USFDA-BAM Chapter 4, July 2017
15	<i>Salmonella spp</i> *	Negative	USFDA-BAM Chapter 5, July 2018
16	Lead (Pb) *	Max. 0.25 ppm	SNI 01-2896-1998
17	Timah (Sn) *	Max. 40 ppm	SNI 01-2896-1998
18	Kadmium (Cd) *	Max. 0.05 ppm	SNI 01-2896-1998
19	Mercury (Hg) *	Max. 0.03 ppm	SNI 01-2896-1998
20	Arsenic(As) *	Max. 0.1 ppm	SNI 01-2896-1998

* External Laboratory every 12 months

PT. Daesang Ingredients Indonesia, January 16, 2023



Farida Ainiyah
QA Head



PT Daesang Ingredients Indonesia

Head Office :

Jl. Perintis Kemerdekaan No. 1-3 Pulo Gadung, Jakarta 13260

T. (021) 4786-3124 F. (021) 4786-3146

Factory :

Kec. Driyorejo, Kab. Gresik 61177, Jawa Timur

T. (031) 750-7888 / 759-0040 F. (031) 750-7595 / 759-0039

SPECIFICATION INGREDIENT

Name of Ingredient

Composition

Source of Ingredients

Place of origin (country)

Methode of production/Flowchart

: Cornstarch

: 100% Corn
If use Food Additive (Please list down the name and the percentage of food additive)

: Vegetable
Example (from animal, vegetable, mineral, chemical)
and/or source of ingredients which can impact to food safety (allergen, chemical, microbiology)

: Indonesia
or Certificate of Origin

: (Attached Flow Chart)

Physical Parameter (according to spesification of ingredients from producer)

1. Appearance/Texture

2. Flavor

3. Colour

4. Taste
- : White powder

: Normal

: White

: Normal

Chemical Parameter (according to spesification of ingredients from producer)

1. Moisture

2. Whiteness

3. pH

4. SO₂

5. Total Ash

6. Lead (Pb) *

7. Timah (Sn) *

8. Kadmium (Cd) *

9. Mercury (Hg) *

10. Arsenic(As) *
- : Max. 13.5 %

: Min. 90.0

: 4.0 – 7.0

: Max. 30 ppm

: Max. 0.15 (% w/w)

: Max. 0.25 ppm

: Max. 40 ppm

: Max. 0.05 ppm

: Max. 0.03 ppm

: Max. 0.1 ppm

NB : * External Analysis every 1 year

Microbiology Parameter (according to regulation if it is regulated or spesification of ingredients from producer)

1. Total Plate Count*

2. Yeast & Mould*

3. Bacillus cereus*

4. E. Coli*

5. Salmonella spp *

6. Lead (Pb) *
- : Max. 1 x 10⁶ (colony/g)

: Max. 1 x 10⁴ (colony/g)

: Max. 1 x 10⁴ (colony/g)

: Maks 11 MPN/g

: Negative

: Max. 0.25 ppm

NB : * External Analysis every 1 year

LoG Statement

Food Grade Statement

Contain Allergen

GMO Statement

Irradiation

MSDS

PDS (Product Data Sheet/Specs)

: (Attached)

: (Attached)

: (Please attach Allergen Statement : format see Attachment)

: GMO / ~~Non-GMO statement~~ _____

: ~~Yes~~ or No

: (Attached)

: (Attached)

Packaging

Type of Primary Pack

Net Weight / Primary Pack

Gross Weight / Primary Pack

Type of Secondary Pack

Net Weight / Secondary Pack

Gross Weight / Secondary Pack

Picture of Primary Pack

Picture of Secondary Pack

:

: Polyethylene

: 34 g

: 34 g

: Polypropylene woven

: 75 g

: 75 g

: (Attached)

: (Attached)

Shelf Life

Temperature of Storage

: 24 Months

: refer to MSDS





MATERIAL SAFETY DATA SHEET

Out Ref. No : 01/ MQS/0117/13

Corn Starch

Page 1 of 3

I - PRODUCT AND COMPANY IDENTIFICATION

Product Name : Corn Starch
Manufacturer : PT. Daesang Ingredients Indonesia
Address : Head Office : Jl. Perintis Kemerdekaan No. 1-3, Pulo Gadung,
Jakarta 13260 – Indonesia
Tel. (62-21) 4786-3124 ; Fax. (62-21) 4786-3146
: Factory : Kec. Driyorejo, Kab. Gresik 61177, Jawa Timur - Indonesia
Tel. (62-31) 750-7888, 759-0040 ; Fax. (62-31) 750-7595, 759-0039

II - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Natural : Maize Starch
Chemical Name : None
Formula : $(C_6H_{10}O_5)_n$
CAS No. : CAS #9005-25-8

III-HAZARDS IDENTIFICATION

Personal precautions : No Prevent needed for precaution of human
Environmental Precaution : No Prevent needed
Method of cleaning up : Rinse all avoid contact of skin or clothing with water
Further Hazards : No Specific hazards under normal
Classification / specific Hazards : Safety

IV - FIRST-AID MEASURES

Eye Contact : Flush with water for least 15 minutes. Get medical attention if required.
Skin : Thoroughly wash exposed area for at least 5 minutes> Get medical attention if irritation persists.
Ingestion : Treat Symptomatically. Seek medical assistance if required.
Inhalation : Remove to fresh air. Give oxygen if breathing is difficult. Give artificial respiration if breathing has stopped. Keep person warm, quiet, and get medical attention.

V - FIRE-FIGHTING MEASURES

Extinguishing media :
- Suitable : Place in water
Flash point : non-flammable
Flammable limits : Not established



VI - ACCIDENTAL RELEASE MEASURES

Personal precautions : No Prevent needed for precaution of human
Environmental Precaution : No Prevent needed
Method of cleaning up : Rinse all avoid contact of skin or clothing with water

VII - HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

PT Daesang Ingredients Indonesia

Head Office :
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Factory :
Kec. Driyorejo, Kab. Gresik 61177, Jawa Timur
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MATERIAL SAFETY DATA SHEET

Out Ref. No : 01/ MQS/0117/13

Corn Starch

Page 2 of 3

VII - HANDLING AND STORAGE

Storage:

Keep container tightly closed. Keep container in a cool, clean and well-ventilated area. Store at 25°C-35°C.

VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures :

If eat lot of material please drink water lot

Personal Protective Equipment :

Hand Protection : Impermeable protective gloves

Eye Protection : Safety Spectacles

Skin and Body Protection : Impermeable clothing

IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	: Solid.
Odor	: Not available
Taste	: Not available
Molecular Weight	: Not available
Color	: White
pH (1% soln/water)	: Not applicable
Boiling Point	: Not available
Melting Point	: Decomposes
Critical Temperature	: Not available
Specific Gravity	: 1.5 (water = 1)
Vapor Pressure	: Not applicable
Vapor Density	: Not available
Volatility	: Not available
Odor Threshold	: Not available
Water/Oil Dist. Coeff.	: Not available
Ionicity	: Not available
Dispersion Properties	: Not available
Solubility	: Insoluble in cold water, hot water.
Melting Point	: Not available
Apparent density at 20°C (Kg/L)	: $1.38 \pm 0.01 \text{ g/cm}^3$
Solubility	: Easily soluble in cold water.

X - STABILITY AND REACTIVITY

Stability	: Stable under normal conditions of use
Shelf Life	: 24 months period
Hazardous reactions	: Materials to avoid no dangerous reaction known with common product
	: Strong alkalis, strong oxidizing agents



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MATERIAL SAFETY DATA SHEET

Out Ref. No : 01/ MGS/0117/13

Corn Starch

Page 3 of 3

XI - TOXICOLOGICAL INFORMATION

Routes of Entry	: Inhalation, Ingestion.
Toxicity to Animals	: LD50 Not available LC50 Not available
Chronic Effects on Humans	: Carcinogenic effects:A4 (Not classifiable for human or Animal.) by ACGIH
Other Toxic Effects on Humans	: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Acute Poteintial Health Effects:	
Skin	: May cause mild skin irritation. Low hazard for usual industrial handling.
Eyes	: Dust may cause mechanical irrititaion.
Inhalation	: Excessive inhalation may cause minor respiratory irritation.
Ingestion	: A low hazard for usual industrial handling

XII - ECOLOGICAL INFORMATION

Ecotoxicity	: Not available
BOD5 and COD	: Not available
Products of Biodegradation	: Possibly hazardous short term degradation products are not likely. However, long term degratation products may arise
Toxicity of the Products of Biodegradation	: Not available

XIII - DISPOSAL CONSIDERATIONS

Waste Disposal :
Wate must be disposed of in accordance with federal, state and local enviromental control regulations.

XIV – TRANSPORT INFORMATION

No special requirments and no restrictions on transportation but must be filled in sealed container, avoid moist, high temperature, not direct sunlight. Container shall be protected from breakage and Hazardous material.

XV – OTHER REGULATION INFORMATION

Other regulations : Not available

XVI – OTHER INFORMATION

The information above is based on current knowledge and experience. The purpose of this Safety Data Sheet is to descrobe the products in terms of their safety requirments. The above details do not imply any guarantee concerning composition, properties or performance. Users should make their own investigations to determine the suitability of the information for their particular purposes.

Date Revision :	Prepared by : PT Daesang Ingredients Indonesia
11/19/21	All information herein is given in good faith but not warranty is expressed nor imputed

END OF MATERIAL SAFETY DATA SHEET

PT Daesang Ingredients Indonesia

Head Office :
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Factory :
Kec. Driyorejo, Kab. Gresik 61177, JawaTimur
T. (031) 750-7888 / 759-0040 F. (031) 750-7595 / 759-0039

Kepada :

To PT. DAESANG INGREDIENTS INDONESIA
Jl. Raya Driyorejo KM. 24
Kec. Driyorejo, Kab. Gresik
Jawa Timur 61177

LAPORAN HASIL UJI

REPORT OF ANALYSIS

Nomor Seri : 5414/BSKJI/BBIA/LHU.1/XII/2022

Serial Number

Nomor Analisis : 7113

Analysis Number

Tanggal Penerbitan : 22 Desember 2022

Date of Issue

Halaman : 1 dari 3

Page

of

IDENTITAS CONTOH

Sample Identity

Nama Contoh : Pati Jagung
Sample Name Kemasan Asli : Woven Bag 25 Kg, Jumbo Bag 800 Kg; 850 Kg

Merek : MIWON

Brand

Keterangan Contoh : Dikemas dalam plastik tidak berlabel

Description of sample

Nomor BAPC :

Sampling Report Number

Tanggal Pengambilan Contoh :

Date of Sampling

TANGGAL PENERIMAAN : 07 Desember 2022

Date of Sample

TANGGAL PELAKSANAAN : 07 Desember 2022 - 22 Desember 2022

Date of Analysis

JENIS PENGUJIAN : Fisika, Kimia dan Mikrobiologi

Type of Analysis

HASIL PENGUJIAN : Terlampir

Result of Analysis



Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Sertifikasi Elektronik

Laporan Hasil Uji ini hanya berlaku untuk contoh tersebut diatas. Laporan Hasil Uji tidak boleh digandakan kecuali seluruhnya
Report of Analysis relate only to sample analyzed. Report of Analysis shall not be reproduced except in full

H A S I L

TEST RESULT

Nomor Seri : 5414
Serial Number

Nomor / Number : 5414/BSKJI/BBIA/LHU.1/XII/2022

Nomor Analisis : 7113
Analysis Number

Halaman / Page : 2 **Dari / of** 3

Parameter	Satuan	Hasil	Persyaratan Mutu Pati Jagung SNI 8523:2018	Metoda Uji/Teknik
Keadaan :				
Bentuk	-	Serbuk halus	Serbuk halus	SNI 8523:2018, lampiran A.2.1
Bau	-	Normal	Normal	SNI 8523:2018, lampiran A.2.2
Benda asing	-	Tidak ada	Tidak ada	SNI 8523:2018, lampiran A.2.3
Kehalusan, lolos ayakan 100 mesh	%	100	Min. 98,5	SNI 8523:2018, lampiran A.3
Kadar pati	% adbk	98,2	Min. 98,0	AOAC 945.37
Air	%	11,20	Maks. 14,0	SNI ISO 712
Abu	%	0,12	Maks. 0,15	SNI ISO 2171
Abu tidak larut asam	%	0,02	Maks. 0,1	SNI 8523:2018, lampiran A.5
Protein (N x 6,25)	%	0,34	Maks. 0,35	SNI ISO 1871
Derajat putih (MgO = 100)	-	98,6	Min. 89	SNI 8523:2018, lampiran A.6
pH	-	4,94	4,5 sampai 7,0	SNI 8523:2018, lampiran A.7
Belarang dioksida (SO ₂)	mg/kg	< 3	Maks. 50	SNI 8523:2018, lampiran A.8
Cemaran logam :				
Kadmium (Cd)	mg/kg	< 0,012	Maks. 0,05	SNI 8523:2018, lampiran A.9.1
Timbal (Pb)	mg/kg	< 0,059	Maks. 0,25	SNI 8523:2018, lampiran A.9.1
Timah (Sn)	mg/kg	< 2,05	Maks. 40/250 #	SNI 8523:2018, lampiran A.9.2
Raksa (Hg)	mg/kg	< 0,030	Maks. 0,03	SNI 8523:2018, lampiran A.9.3
Arsen (As)	mg/kg	< 0,018	Maks. 0,1	SNI 8523:2018, lampiran A.10

untuk produk yang dikemas dalam kaleng



Laporan Hasil Uji ini hanya berlaku untuk contoh tersebut diatas. Laporan Hasil Uji tidak boleh digandakan kecuali seluruhnya
Report of Analysis relate only to sample analyzed. Report of Analysis shall not be reproduced except in full

H A S I L

TEST RESULT

Nomor Seri : 5414
Serial Number

Nomor / Number : 5414/BSKJI/BBIA/LHU.1/XII/2022

Nomor Analisis : 7113
Analysis Number

Halaman / Page : 3 **Dari / of** 3

Parameter	Satuan	Hasil	Persyaratan Mutu Pati Jagung SNI 8523:2018				Metoda Uji/Teknik
			n	c	m	M	
Cemaran mikroba :							
Angka lempeng total (30 ⁰ C, 72 jam) 1	koloni/gram	3,4 x 10 ²	5	2	10 ⁵	10 ⁶	SNI ISO 4833-1:2015, SNI ISO 7218:2012
Angka lempeng total (30 ⁰ C, 72 jam) 2	koloni/gram	3,0 x 10 ²	5	2	10 ⁵	10 ⁶	SNI ISO 4833-1:2015, SNI ISO 7218:2012
Angka lempeng total (30 ⁰ C, 72 jam) 3	koloni/gram	4,0 x 10 ²	5	2	10 ⁵	10 ⁶	SNI ISO 4833-1:2015, SNI ISO 7218:2012
Angka lempeng total (30 ⁰ C, 72 jam) 4	koloni/gram	1,8 x 10 ²	5	2	10 ⁵	10 ⁶	SNI ISO 4833-1:2015, SNI ISO 7218:2012
Angka lempeng total (30 ⁰ C, 72 jam) 5	koloni/gram	4,8 x 10 ²	5	2	10 ⁵	10 ⁶	SNI ISO 4833-1:2015, SNI ISO 7218:2012
Escherichia coli 1	APM/gram	0	5	2	7,4	11	SNI ISO 7251 : 2012
Escherichia coli 2	APM/gram	0	5	2	7,4	11	SNI ISO 7251 : 2012
Escherichia coli 3	APM/gram	0	5	2	7,4	11	SNI ISO 7251 : 2012
Escherichia coli 4	APM/gram	0	5	2	7,4	11	SNI ISO 7251 : 2012
Escherichia coli 5	APM/gram	0	5	2	7,4	11	SNI ISO 7251 : 2012
Salmonella sp 1	/25gram	Negatif	5	0	Negatif	NA	ISO 6579-1:2017
Salmonella sp 2	/25gram	Negatif	5	0	Negatif	NA	ISO 6579-1:2017
Salmonella sp 3	/25gram	Negatif	5	0	Negatif	NA	ISO 6579-1:2017
Salmonella sp 4	/25gram	Negatif	5	0	Negatif	NA	ISO 6579-1:2017
Salmonella sp 5	/25gram	Negatif	5	0	Negatif	NA	ISO 6579-1:2017
Bacillus cereus 1 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 7932:2012
Bacillus cereus 2 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 7932:2012
Bacillus cereus 3 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 7932:2012
Bacillus cereus 4 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 7932:2012
Bacillus cereus 5 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 7932:2012
Kapang 1	koloni/gram	3,5 x 10 ²	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Kapang 2	koloni/gram	5,5 x 10 ²	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Kapang 3	koloni/gram	2,5 x 10 ²	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Kapang 4	koloni/gram	2,0 x 10 ²	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Kapang 5	koloni/gram	1,2 x 10 ²	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Khamir 1 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Khamir 2 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Khamir 3 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Khamir 4 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012
Khamir 5 *	koloni/gram	0	5	2	10 ³	10 ⁴	SNI ISO 21527-2:2012

* Faktor pengenceran 100x

n adalah jumlah sampel yang diambil dan dianalisis
c adalah jumlah maksimum sampel yang boleh melampaui batas mikroba
m,M adalah batas mikroba
NA adalah *Not applicable*

Contoh memenuhi persyaratan mutu Standar Nasional Indonesia untuk Pati Jagung (SNI 8523:2018).

Sub Koordinator Pengujian
Sub Coordinator of Testing Laboratories

Ditandatangani secara elektronik menggunakan
Sertifikat Elektronik yang diterbitkan BSR E
Electronically signed
using Electronic Certificate
issued by BSR E



Dyah Aninta Kustiarini, S.Si, M.Pharm.Sc
NIP. 198406172006042002

Laporan Hasil Uji ini hanya berlaku untuk contoh tersebut diatas. Laporan Hasil Uji tidak boleh digandakan kecuali seluruhnya
Report of Analysis relate only to sample analyzed. Report of Analysis shall not be reproduced except in full

LETTER OF GUARANTEE

PRODUCT	CORNSTARCH
MANUFACTURER	PT. DAESANG INGREDIENTS INDONESIA
CUSTOMER	PT. AGROMAS GEMILANG
PACKAGING TYPE	WOVEN BAG 25 KG

We, **DAESANG INGREDIENTS INDONESIA**, guarantee that
We will supply product in accordance to our specification.
We will ensure that we will commit to below specification until loading to truck

Regarding the specs that we guarantee :

Appearance/Texture	: White powder
Moisture	: Max. 13.5 %
Whiteness	: Min. 90.0
pH	: 4.0 – 7.0
SO ₂	: Max. 30 ppm
Total Ash	: Max. 0.15 (% w/w)
Lead (Pb) *	: Max. 0.25 ppm
Timah (Sn) *	: Max. 40 ppm
Kadmium (Cd) *	: Max. 0.05 ppm
Mercury (Hg) *	: Max. 0.03 ppm
Arsenic(As) *	: Max. 0.1 ppm

Thank for your kind attention

Best Regards

PT. Daesang Ingredients Indonesia, September 19, 2023



DAESANG
Ingredients Indonesia
Farida Aniyah
QA Staff



PT Daesang Ingredients Indonesia

Head Office :

Jl. PerintisKemerdekaan No. 1-3 PuloGadung, Jakarta 13260
T. (021) 4786-3124 F. (021) 4786-3146

Factory :

Kec. Driyorejo, Kab. Gresik 61177, JawaTimur

T. (031) 750-7888 / 759-0040 F. (031) 750-7595 / 759-0039

ALLERGEN STATEMENT

PRODUCT	CORNSTARCH
MANUFACTURER	PT. DAESANG INGREDIENTS INDONESIA
CUSTOMER	PT. AGROMAS GEMILANG

PT. DAESANG INGREDIENTS INDONESIA, that produced CORN STARCH manufactured by wet milling, separation, drying, state that the cornstarch that we produce are not contain allergen based on the Indonesian regulation "REGULATION OF THE DRUG AND FOOD CONTROL AGENCY NUMBER 31 YEAR 2018 CONCERNING PROCESSED FOOD LABELS as below:

- Gluten-containing cereals (wheat, rye, barley, oats, spelled or Hybrid strains) and products thereof
- Egg and products thereof
- Fish and products thereof
- Crustaceans (Shrimp, Lobster, Crab, Oyster) and products thereof
- Molluscs (Clams, Snails, Sea Snails) and products thereof
- Peanuts and products thereof
- Soya bean and products thereof
- Milk and products thereof
- Tree nuts include walnuts, almonds, hazelnuts, walnuts, pecans, Brazil nuts, pistachios, macadamia/Queensland nuts, cashew nuts and products thereof
- Sulfite with a content of at least 10 mg/kg is calculated as SO₂ (can be in the form of sulfur dioxide, sodium bisulfite, sodium metabisulfite, potassium sulfite, calcium bisulfite, potassium bisulfite) for ready-to-consume products

PT. Daesang Ingredients Indonesia, May 26, 2023



Farida Ainiyah
QA Head



PT Daesang Ingredients Indonesia

Head Office :

Jl. Perintis Kemerdekaan No. 1-3 PuloGadung, Jakarta 13260

T. (021) 4786-3124 F. (021) 4786-3146

Factory :

Kec. Driyorejo, Kab. Gresik 61177, JawaTimur

T. (031) 750-7888 / 759-0040 F. (031) 750-7595 / 759-0039

Food Grade Certificate

To Whom it may concern,

We, PT. Daesang Ingredients Indonesia hereby state that :

CORNSTARCH

is food grade and suitable for human consumption so that all the ingredients in this product are food grade and suitable for human consumption .

PT Daesang Ingridients Indonesia has fully complied with standard manufacturing food practices.

This certificate is issued upon the request of customer as guarantee that our product is food grade and fit for human consumption.

PT. Daesang Ingredients Indonesia, September 19, 2023

Sincerely,



DAESANG
Ingredients Indonesia

Farida Ainiyah
Head of QA



PT Daesang Ingredients Indonesia

Head Office :

Jl. PerintisKemerdekaan No. 1-3 PuloGadung, Jakarta 13260

T. (021) 4786-3124 F. (021) 4786-3146

Factory :

Kec. Driyorejo, Kab. Gresik 61177, JawaTimur

T. (031) 750-7888 / 759-0040 F. (031) 750-7595 / 759-0039

GMO STATEMENT

PRODUCT	CORNSTARCH
MANUFACTURER	PT. DAESANG INGREDIENTS INDONESIA
CUSTOMER	PT. AGROMAS GEMILANG

PT. Daesang Ingredients Indonesia, that produced CORN STARCH manufactured by steeping, wet milling, separation and drying hereby state the following :

The CORN STARCH that we produce has been test by External Laboratory using Polymerase Chain Reaction (PCR) the result is not detected

PT. Daesang Ingredients Indonesia, September 22, 2023



DAESANG
Ingredients Indonesia

Farida Aniyani
Head of QA



PT Daesang Ingredients Indonesia

Head Office :

Jl. Perintis Kemerdekaan No. 1-3 PuloGadung, Jakarta 13260

T. (021) 4786-3124 F. (021) 4786-3146

Factory :

Kec. Driyorejo, Kab. Gresik 61177, JawaTimur

T. (031) 750-7888 / 759-0040 F. (031) 750-7595 / 759-0039

No. : ROA/BT/X/22/117102022-1
Attachment : 1
Subject : Report of Analysis

October 17, 2022

To:
PT. Daesang Ingredients Indonesia
Kecamatan Driyorejo
Kab. Gresik 61177

Dear Valuable Customer,

Based on the Order Confirmation No: 20220913088/SLS , we hereby attach the Report of Analysis of your sample:

Sample description : Corn Starch
Quantity : 1 x ± 200 g
Packaging : Plastic bag
Date received : 13-09-2022

Thank you very much for your trust for using our Laboratory Services.

Sincerely,

biochem
technology

Michellia
Marketing

LC72 R.18/10

Sampling was not carried out by PT. Biochem Technology Laboratory
This report refers to the tested sample only
This report shall not be reproduced without written approval of the laboratory

CREDIBLE • RELIABLE

Report of Analysis

No.: 117102022-1

Job number: 20220913088/SLS
No. order

Date received: 13-09-2022
Tgl. Diterima

Client: PT. Daesang Ingredients Indonesia
Pelanggan Kecamatan Driyorejo
Kab. Gresik 61177

Analysis start date: 16-09-2022
Tgl. mulai analisa

Date of report issued: 17-10-2022
Tgl. Penerbitan laporan

Results / Hasil :

No.	Sample description / Identitas	Packaging / Kemasan
01	Corn Starch, 1 x ± 200 g	Plastic bag

Analysis / Analisa	Method / Metode	Unit / Satuan	Result / Hasil
Genetically Modified Organism	Polymerase Chain Reaction (Qualitative)		Not Detected

for Lab. Director

biochem
technology

Dea Susanto, S.TP
Technical Manager

LS 01 R. 10/10

Page 1 of 1

Sampling was not carried out by PT. Biochem Technology Laboratory

This report refers to the tested sample only

This report shall not be reproduced without written approval of the laboratory

CERTIFICATE OF REGISTRATION

This is to certify that:

PT. Daesang Ingredients Indonesia

COID Code: IDN-1-1761-552680

Kecamatan Driyorejo, Kabupaten Gresik, 61177, East Java, INDONESIA

operates a

FOOD SAFETY MANAGEMENT SYSTEM

which has been assessed and determined to comply with the requirements of

Food Safety System Certification 22000 (FSSC 22000)

Certification scheme for food safety management systems consisting of the following elements: ISO 22000:2018, ISO/TS 22002-1:2009 and additional FSSC 22000 requirements (version 5.1)

for the following scope

The processing (wet milling, separation and drying) of native corn starch packed in plastic woven bag, paper bag or jumbo bag, as well as the processing (liquefaction, saccharification, filtration, decolourisation, evaporation, isomerisation) of sweetener (glucose, dextrose and high fructose syrup) packed in jerrycan, drum, trailer tank or iso-tank.

Food Chain Categories: CIV - Processing of ambient stable products

Certificate Number:

FSM44649

Originally Certified:

17 January 2019

Current Certification:

31 January 2023

Issue Date:

31 January 2023

Expiry Date:

16 January 2025



Calin Moldovean

President, Business Assurance

SAI Global Certification Services Pty. Ltd.
650 Lorimer Street
Port Melbourne Victoria 3207
Australia

Registered by:

SAI Global Certification Services Pty Ltd (ACN 108 716 669) 650 Lorimer Street Port Melbourne VIC 3207 Australia with SAI Global Pty Limited 650 Lorimer Street Port Melbourne VIC 3207 Australia ("SAI Global") and subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. To verify that this certificate is current please refer to SAI Global On-Line Certification register at <http://register.saiglobal.com/>



10/10/23, 1:51 PM

Daesang Mail :: RE: Pertanyaan tentang Brand dalam Sertifikat Halal PT. Daesang Ingredients Indonesia

>>> _Tim Layanan Kementerian Agama_
>>> ----- Replied message -----
>>> Mon, 9 2023 at 3:11 PM, vina.juniarti@daesang.id wrote:
>>>
>>>> Assalamualaikum Wr. Wb.
>>>>
>>>> Dear Pengelola BPJPH,
>>>>
>>>> Saya Vina , PIC dari PT. Daesang Ingredients Indonesia,
>>>> kami mempunyai sertifikat halal dengan nomor ID00410000399460722
>> dan
>>>>
>>>> ID00410000331160722
>>>> yang ingin saya tanyakan, apakah nama produk yang terdaftar halal
>>>> harus
>>>> beserta nama brand nya ? karena ketentuan nya adalah nama produk,
>>>> tidak
>>>> menyertakan brand/,
>>>>
>>>> Kami menjual produk untuk bussiness to bussiness. dan kami tidak
>>>> melakukan maklon produksi. untuk produk Misalnya Pati jagung ada
>>>> dalam
>>>> kemasan 25 Kg dan juga Bulk 850 Kg.
>>>>
>>>> Mohon infonya mengenai ketentuan penyertaan brand dalam
>> sertifikat
>>>> halal
>>>> ini, karena pada tahun 2022 tidak ada masalah, sedangkan
>> baru-baru
>>>> ini
>>>> customer kami menanyakan perihal brand yang tidak tercantum dalam
>>>> sertifikat halal kami.
>>>>
>>>> Terimakasih,
>>>>
>>>> Wassalamualaikum Wr. Wb.
>>>>
>>>> Regards,
>>>>
>>>> Vina J.



Browser tabs: (3) WhatsApp, Daesang Mail: RE: Pertanyaan, Daesang Mail: RE: Pertanyaan, PT Daesang Ingredients Indonesia

Address bar: mail.daesang.id/mail/?task=mail&_caps=pdf%3D1%2Cflash%3D0%2Ctiff%3D0%2Cwebp%3D1&uid=88978&inbox=INBOX&action=show#headers

Navigation: Reply, Reply all, Forward, Delete, Print, Mark, More, Previous, Next

RE: Pertanyaan tentang Brand dalam Sertifikat Halal PT. Daesang Ingredients Indonesia

From: layanan@kemenag.go.id on 2023-10-10 12:10
To: vino.juniarti@daesang.id
Date: Today 12:10
All headers...
Details Plain text

To protect your privacy remote resources have been blocked. [Allow](#)

Kepada Yth,
Bapak/Ibu,
Ditempat.

Terima kasih telah menghubungi Layanan Kementerian Agama.

Dapat kami informasikan untuk menyatakan nama brand serta varian produk tidak diwajibkan namun hanya sebatas dianjurkan. Dikarenakan tidak ada regulasi dan ketentuan yang menentukan hal tersebut

Semoga dapat membantu. Terima kasih.

Kini telah hadir Aplikasi yang memberikan kemudahan dalam mengakses beragam layanan Kementerian Agama. Install sekarang juga aplikasi "PUSAKA" yang sudah tersedia di android dan iOS dengan background Putih.

Taskbar: Type here to search, USD/IDR +0.22%, 1:40 PM 10/10/2023





Devia Annisa Nuraeni

5 minute(s) ago

Bahan yang harus menjelaskan status GMO/Non GMO-nya (yaitu: kentang, kedelai, tomat, jagung, tebu, kecuali minyak, lemak, gula, pati, atau pangan PRG lain yang telah mengalami proses pemurnian lebih lanjut dan tidak teridentifikasi mengandung protein PRG) dan turunannya

R&D

CPI Cikande

TERKENDALI

Controlled Copy No. 13

