



IOI OLEOCHEMICAL

IOI Pan-Century Oleochemicals Sdn. Bhd.
198801000836 (168193-W)

Certificate of Analysis

Page 1 of 2

Date : 29-Jun-2022 Sample Date : 20-Jun-2022
Product : SOAP NOODLE EXTRA WHITE 80.20 1-2% GLYCERIN MP/MB

Batch No : W8871A9891
SO No : 118620 :20
Certificate No : 40000377682
Customer PO No : 9335
Sample Type : BAGS
Sampling Procedure : SOP-QCD-108
Quantity : 20 MTS

Manufacturing : 17-Jun 2022
Date Expiry Date : 17-Jun-2023
Retest Exp. Date : Feb-2024

ANALYSIS RESULTS

Test Parameters	Test Results	Specifications	unit	Test Method
FFA (as Palmitic)	0.83	1.50 Max	%	AOCS Da 4a-48
Free Glycerol	1.43	1.00 - 2.00	%	AOCS Da 23-56
Free Alkali NaOH (Zero)	ZERO	Free Alkali NaOH% (ZERO)		
Moisture	13.5	12.0-14.5	%	In-house method
Soduim Chloride	0.41	0.60 Max	%	ACS Da 9-48 In-
Total Fatty Matter	78.0	77.0 – 79.0	%	house method
Chelating Agent Present	Present	Chelating Agent Present Comoposition		
Composition PKO	20	Pko 20%		
Composition Palm Oil	80	Composition Palm Oil 80%		
Palm Kernel Acid	0.83	1.30 Max	%	

Remarks:

Contributes to the production of certified sustainable palm oil.

RSPO Cert. No.: CU-RSPO SCC-875722

This COA shall not be re-produced except in full, without approval from laboratory



Issued by shipper/ Manufacturer
CERTIFIED BY
IOI Pan-Century Oleochemicals Sdn. Bhd.

[Signature]

Ismayanti binti Mukhtar
B.SC. (Holl\$)

CHEMIST





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Sample Type : BAGS
Sampling Procedure : SOP-QCD-108
Quantity : 20 MTS

Manufacturing : 17-Jun 2022
Date Expiry Date : 17-Jun-2023
Retest Exp. Date : Nov-2023

ANALYSIS RESULTS

Test Parameters	Test Results	Specifications	unit	Test Method
Sodium Kernelate	16.91	14.00 – 18.00	%	
Sodium Palmate	67.66	67.00 – 72.00	%	
Tetrasodium Etidronate	0.05	0.05 Max	%	In-house method
Tetrasodium EDTA Titre	0.04	0.05 Max	%	In-house method
Acid Value	45.0	43.0 – 47.00	°C	AOCS Tr 1a-64
Iodine Value	217.3	214.0 Min	Mg KOH/g	AOCS Te 1a-64
	37.3	35.0 – 40.0	gI2/100g	AOCS Cd – 1d – 92 (1997)

Invoice No.: 90209326

"The shelf life of Soap Noodles is one year after the manufacturing date with recommended storage conditions at 25 ± 5°C and relative humidity of 70 ± 10%. Moisture content of Soap Noodles is subjected to change during storage. It is always recommended to reconfirm moisture content prior to urs"

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