

## Certificate of Analysis - Stearic Acid

Dispatch Date : January 14, 2023

Quantity : 20,000 Kgs

Vehicle No : JV-7798

Sr No	Test / Property	Unit	Specs	Nimir Result E-14-Nov-22	Nimir Result M-15-Nov-22	Nimir Result E-15-Nov-22	Nimir Result N-15-Nov-22
1	Colour	Red	0.5 Max	0.1	0.1	0.1	0.1
		Yellow	2.0 Max	1.3	1.3	1.3	1.3
2	Titre	°C	53 ~ 56.5	54.5	54.5	54.5	54.5
3	Acid Value	mg KOH / gm	200 ~ 215	210.2	210.6	210.5	210.8
4	Saponification Value	mg KOH / gm	203 ~ 212	210.5	210.9	210.8	211.0
5	Iodine Value	Value	3.0 Max	0.59	0.65	0.69	0.45
6	Moisture Content	%	0.2 Max	0.14	0.14	0.13	0.12
7	Manufacturing Date	~	~	14/11/2022	15/11/2022	15/11/2022	15/11/2022
8	Date of Expiry	~	~	13/11/2024	14/11/2024	14/11/2024	14/11/2024
9	Fatty Acid Composition:						
	C : 12	%	1.0 Max	0.20	0.20	0.20	0.20
	C : 14	%	2.0 Max	1.30	1.20	1.20	1.20
	C : 16	%	52 ~ 58	57.00	54.40	53.90	54.00
	C : 18	%	40 ~ 47	41.50	44.1	44.7	44.5
	> C:18	%	1.0 Max	Traces	Traces	Traces	Traces

Remarks

Manager QC

Nimir Industrial Chemicals Limited