

Certificate of Analysis - Stearic Acid

Dispatch Date : March 25, 2023

Quantity : 20,000 Kgs

Vehicle No : TML-132

Sr No	Test / Property	Unit	Specs	Nimir Result M-12-Mar-23	Nimir Result N-12-Mar-23	Nimir Result E-13-Mar-23
1	Colour	Red	0.5 Max	0.1	0.1	0.1
		Yellow	2.0 Max	1.6	1.5	1.6
2	Titre	°C	53 ~ 56.5	54.5	54.5	54.5
3	Acid Value	mg KOH / gm	200 ~ 215	210.7	211.8	210.9
4	Saponification Value	mg KOH / gm	203 ~ 212	211.0	212.0	211.2
5	Iodine Value	Value	3.0 Max	0.63	0.41	0.68
6	Moisture Content	%	0.2 Max	0.14	0.18	0.15
7	Manufacturing Date	~	~	12/03/2023	12/03/2023	13/03/2023
8	Date of Expiry	~	~	11/03/2025	11/03/2025	12/03/2025
9	Fatty Acid Composition:					
	C : 12	%	1.0 Max	0.23	0.22	0.20
	C : 14	%	2.0 Max	1.36	1.17	1.17
	C : 16	%	52 ~ 58	57.91	52.94	52.94
	C : 18	%	40 ~ 47	40.05	45.67	45.69
	> C:18	%	1.0 Max	Traces	Traces	Traces

Remarks

Manager QC

Nimir Industrial Chemicals Limited

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