

## Certificate of Analysis - Stearic Acid

Dispatch Date : January 7, 2023

Quantity : 20,000 Kg

Vehicle No : JV-7843

Sr No	Test / Property	Unit	UL Specs	Nimir Result E-14-Nov-22	Nimir Result N-14-Nov-22	Nimir Result M-16-Nov-22	Nimir Result E-16-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	210.7	210.7	210.7
4	Saponification Value	mg KOH / gm	203 ~ 212	210.4	210.9	210.9	210.9
5	Iodine Value	Value	3.0 Max	0.59	0.49	0.53	0.57
6	Moisture Content	%	0.2 Max	0.14	0.13	0.13	0.14
7	Manufacturing Date	~	~	14/11/2022	14/11/2022	16/11/2022	16/11/2022
8	Date of Expiry	~	~	13/11/2024	13/11/2024	15/11/2024	15/11/2024
9	Fatty Acid Composition:						
	C : 12	%	1.0 Max	0.2	N.D	0.3	0.2
	C : 14	%	2.0 Max	1.3	1.2	1.2	1.2
	C : 16	%	52 ~ 58	57	54.9	53.9	53.80
	C : 18	%	40 ~ 47	41.5	43.9	44.60	44.9
	> C:18	%	1.0 Max	Traces	Traces	Traces	Traces

Remarks

Manager QC

Nimir Industrial Chemicals Limited