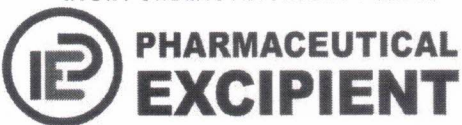




RIGHT CHEMISTRY. RIGHT PEOPLE



M.L.A. Industries Pvt. Ltd. (Pharma Division)

111/230, HARSH NAGAR, KANPUR, Tel. : (0512)-2555292

Website: www.mlagroup.com, E-mail: sales@mlagroup.com

(Drug License No. UP78250000012)

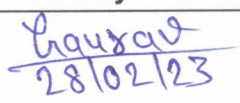
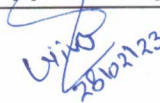
(Food Safety & Drug Administration - Govt. of Uttar Pradesh)

CERTIFICATE OF ANALYSIS

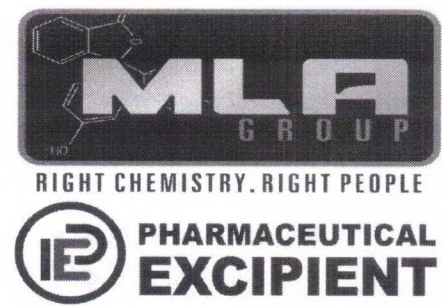
CUSTOMER : M/s	INVOICE : Sample
PRODUCT : Stearic Acid	GRADE : BP
BATCH NO. : SA-08B022023	DATE : 28/02/2023
DATE MFG. : 08/02/2023	Date of EXP : 5 years from MFG

Description : White or almost white, waxy, flaky crystals, white or almost white hard masses or white yellowish-white powder.

Test and Method	Specification	Result
Solubility	Practically insoluble in water , soluble in ethanol (96 %) and in light petroleum (50- 70*c)	Complies to BP
Identification Test A	It complies with the test for freezing point. 53*c -59*c	56
Identification Test B	Acid value (2.5.1) : 194 to 212, determined on 0.5 g	203
Identification Test C	The retention times of the principal peaks in the chromatogram obtained with the test solution are approximately the same as those of the principal peaks in the chromatogram obtained with the reference solution	Complies to BP
Appearanc	Heat the substance to be examined to about 75 °C. The resulting liquid is not more intensely coloured than reference solution Y7 or BY7 (2.2.2, Method I)	Complies to BP
Acidity	Melt 5.0 g, shake for 2 min with 10 ml of hot carbon dioxide-free water R , cool slowly and filter. To the filtrate add 0.05 ml of methyl orange solution R . No red colour develops.	No red colour develops.
Freezing point	53*c -59*c	56
Iodine value	Maximum 4.0	0.74
Nickel	Max 1 ppm	0.4 ppm
ASSAY	Stearic Acid – NLT – 40. 0% Sum of Palmitic acid +St.Acid - NLT -90.0 %	Stearic Acid – 63.65% Sum of Palmitic acid +St.Acid - NLT - 96.72 %

Tested by Chemist	Checked by QA	Approved by Lab Head
 28/02/23		 28/02/23
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujjval Tiwari



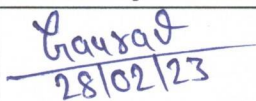
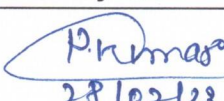



M.L.A. Industries Pvt. Ltd. (Pharma Division)
Regd. Office : 111/230,HARSH NAGAR, KANPUR,Tel. : (0512)-2555292
Factory Address : D-7B , D-8 & D-16, Panki Industrial Area, Site-1, Kanpur, Uttar Pradesh 208022
Website:www.mlagroup.com, E-mail:sales@mlagroup.com
(Drug License No. UP78250000012)
(Food Safety & Drug Administration – Govt. of Uttar Pradesh)

CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE : SAMPLE
PRODUCT : Stearic Acid	GRADE : USP
BATCH NO. : SA- 14B012023	DATE :28/02/2023
Date of MFG: 14/01/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Appearance	-	Purified Stearic Acid is manufactured from fats and oils derived from edible sources and is a mixture of Stearic Acid (C18H36O2) and palmitic acid (C16H32O2), which together constitute not less than 96.0 percent of the total content. The content of C18H36O2 is not less than 90.0 percent of the total.	Complies With USP
Congealing temperature	°	between 66 ° and 69 °.	67 °
Acid value	-	between 195 and 200	198
Iodine value	-	not more than 1.5	0.64
Organic volatile impurities,	-	meets the requirements	Complies With USP
Residual solvents	-	meets the requirements	Complies With USP

Tested by Chemist	Checked by QA	Approved by Lab Head
 28/02/23	 28/02/23	 28/02/23
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujjval Tiwari

