



RIGHT CHEMISTRY. RIGHT PEOPLE



# M.L.A. Industries Pvt. Ltd

Regd. Office : 111/230, HARSH NAGAR, KANPUR, Tel. : (0512)-2555

Factory Address : D-7B, D-8 & D-16, Panki Industrial Area, Site-1, Kanpur, Uttar Pradesh

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

## CERTIFICATE OF ANALYSIS

<b>CUSTOMER</b> : M/s	<b>INVOICE</b> :
<b>PRODUCT</b> : ALUMINUM MONOSTEARATE	<b>GRADE</b> : Conforming with USP
<b>BATCH NO.</b> : AMS-05A022023	<b>DATE</b> : 23/03/2023
<b>Date of MFG</b> : 05/02/2023	<b>Date of EXP</b> : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Description		A fine, white to yellowish white bulky powder	Complies
Solubility		Insoluble in water, in alcohol, & in ether (R)	Complies
Identification	-	Test A - Aluminum : Must comply	A - Complies
		Test B- Solidification temperature is not below 54°C	B - Complies
Purity (Assay)	%	NLT 14.5% & NMT 16.5% of $Al_2O_3$ , calculated on the dried basis (O)	15.26

### CONTENT OF STEARIC ACID & PALMITIC ACID

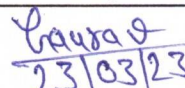
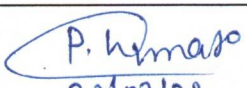
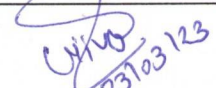
Stearic Acid	%	NLT 40.0%	Complies
Sum of Stearic acid and Palmitic acid	%	NLT 90.0%	Complies

### IMPURITIES

Arsenic	ppm	Not More than 4.0	< 4.0
Heavy Metal as Pb	ppm	Not More than 50.0	< 50.0

### SPECIFIC TESTS

Loss on Drying	%	Not More than 2.0 %	1.57
Acidity And Alkalinity	-	NMT 0.5 ml of 0.01N HCL or 0.01 N Naoh is req. for the change of indicator colour.	Test passes
Residual solvents (G.C)		Must comply (O)	Complies
Bacterial Endotoxins Test	-	Passes	Complies

<b>Tested by Chemist</b>	<b>Checked by QA</b>	<b>Approved by Lab Head</b>
 23/03/23	 23/03/23	 23/03/23
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujval 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

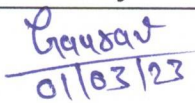
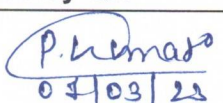
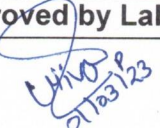
( Drug License No. UP78250000012)

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

### CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE :
PRODUCT : ALUMINUM MONOSTEARATE	GRADE : JP
BATCH NO. : AMS -18A022023	DATE : 01/03/2023
Date of MFG: 18/02/2023	Date of EXP: 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Description	-	Aluminum Monostearate occurs as a white to yellowish white powder. It is odorless or has a faint, characteristic odor. It is practically insoluble in water, in ethanol (95) and in diethyl ether.	Complies With JP
Identification	-	Test A –Passes Test B- the residue melts at above 54* C.	A - Complies With JP B - 58*C
Acid value for fatty acid	-	193 – 210	206
Purity Free fatty acid	-	A red color develops	Complies With JP
Water-soluble salts	mg	Not More than 10.0 mg/2.0 g	4 mg
Heavy Metal as Pb	ppm	Not More than 50 ppm	Complies With JP
Arsenic	ppm	Not More than 2.0 ppm	Complies With JP
Loss on Drying	%	Not More than 3.0 %	1.80
Purity (Assay)	%	7.2 – 8.9 % on dried basis	8.25 %

Tested by Chemist	Checked by QA	Approved by Lab Head
 01/03/23	 04/03/23	 01/03/23
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujval Tiwari

