



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

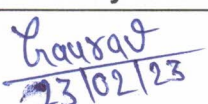
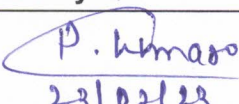
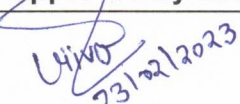
(Drug License No. UP78250000012)

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

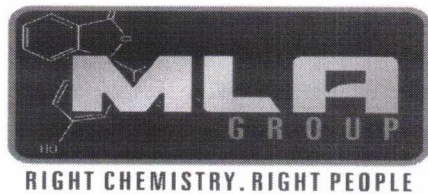
CERTIFICATE OF ANALYSIS

CUSTOMER : M/S	INVOICE : Sample
PRODUCT : ZINC STEARATE	GRADE : IP
BATCH NO. : ZS – 05B022023	DATE : 23/02/2023
Date of MFG : 05/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Identification	-	Test A – Passes, Freezing Point-NLT 53°C Test B - soln. should give reaction of Zinc Salts.	A - 58°C B - Passes
Purity (Assay)	%	10.0 - 12.0 %	11.20
Appearance of Sol.	-	Sol. A is not more than YS6	Passes
Acidity or Alkalinity	-	NMT 0.3 ml of 0.1 M HCL is req. for the change the colour Of The Sol.	Test passes
Arsenic	-	Passes	Pass As per IP
Heavy Metal as Pb	-	Not More than 10 ppm	< 10 PPM
Chloride	-	Not More than 250 ppm	< 250 PPM
Sulphates	%	Not More than 0.6 %	< 0.6
Alkalis And Alkaline Earths	mg	Not More than 20 Mg	8

Tested by Chemist	Checked by QA	Approved by Lab Head
 23/02/23	 23/02/23	 23/02/2023
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujjval Tiwari





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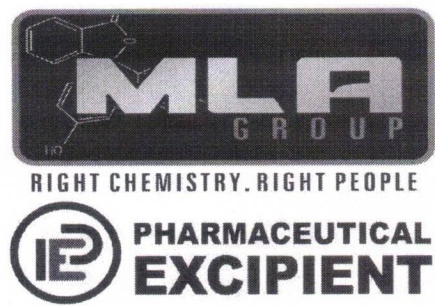
CERTIFICATE OF ANALYSIS

CUSTOMER : M/S	INVOICE : Sample
PRODUCT : Zinc STEARATE	GRADE : BP
BATCH NO. : ZS – 12F022023	DATE : 28/02/2023
Date of MFG : 12/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Appearance	-	Light , white or almost White ,amorphous powder , free from Gritty particles	Complies with BP
Solubility	-	Practically insoluble in water and in anhydrous ethanol .	Complies with BP
Identification	-	Test A –Passes, Freezing Point- NLT 53°C Test B - soln. should gives reaction of Zinc.	A - 57°C B - Passes
Appearance of Sol.	-	Solution S is not more intensely coloured than reference solution Y6	Complies with BP
Appearance of Sol. of the fatty acid	-	The solution is clear (2.2.1) and not more intensely coloured than reference solution Y5 (2.2.2, Method II)	Complies with BP
Acidity or Alkalinity	-	NMT 0.3 ml of 0.1 M HCL is req. for the change the colour Of The Sol.	Complies with BP
Acid Value of the fatty acid	-	195-210	205
Chloride	ppm	Not More than 250	< 250
Sulfates	%	Not More than 0.6	< 0.6
Cadmium	ppm max	5.0	0.84
Heavy Metal as Pb	ppm max	Not More than 25.0	< 25.0
Purity (Assay)	%	10.0 - 12.0 % on dried basis	11.27

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





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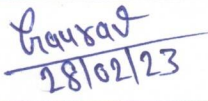
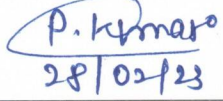
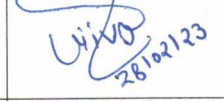
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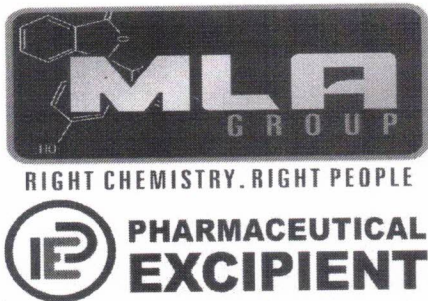
CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE :
PRODUCT : ZINC STEARATE	GRADE : USP
BATCH NO. : ZS – 19C022023	DATE : 28/02/2023
Date of MFG: 19/02/2023	Date of EXP: 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Colour & Appearance	-	White Free Flowing Powder	White Free Flowing Powder
Identification	-	Test A –Passes, Test B – The Fatty acid congeal at a temp. not bellow 54*c	A - Passes B – 59*c
Purity (Assay)	%	12.5 - 14.0 % of zno	13.24 %
Arsenic	ppm	Not More than 1.5 ppm	<1.5
Lead	ppm	Not More than 10 ppm	< 10
Alkalis And Alkaline Earths	%	Not More than 10 Mg	5 mg

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





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CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE : Sample
PRODUCT : ZINC STEARATE	GRADE : EP
BATCH NO. : ZS-12E022023	DATE : 01/03/2023
Date of MFG. : 12/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Description	-	light, white or almost white, amorphous powder, free from gritty particles.	Complies to EP
Solubility	-	practically insoluble in water and in anhydrous ethanol.	Passes
Identification	-	A. Freezing point : minimum 53 °C, determined on there sidue obtained in the preparation of solution S). B. Neutralise 5 mL of solution S to red litmus paper R with strong sodium hydroxide solution R. The solution gives the reaction of zinc .	Passes Passes
Appearance of solution	-	Compare with Y6 Reference Solution	Passes
Appearance of solution Of Fatty acid	-	Compare with Y5 Reference Solution	Passes
Acidity or alkalinity.	-	Not more than 0.3 mL of 0.1 M hydrochloric acid or 0.1 mL of 0.1 M sodium hydroxide is required to change the colour of the indicator	Passes
Acid value of fatty acid		195-210	206
Chloride	ppm	NMT 250	< 250
Sulfates	%	NMT 0.6	< 0.6
cadmium	ppm	NMT 5.0	2.4
Lead	ppm	NMT 25.0	6.8
Assay	%	10.0 % to 12.0 % of Zinc	11.56

Tested by Chemist	Checked by QA	Approved by Lab Head
<i>Gaurav Sen</i> 01/03/23	<i>P. Kumar</i> 01/03/2023	<i>Ujjval</i> 01/03/23
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujjval Tiwari

