



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

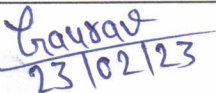
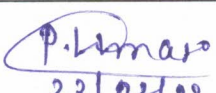
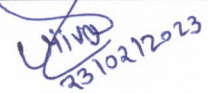
(Drug License No. UP78250000012)

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

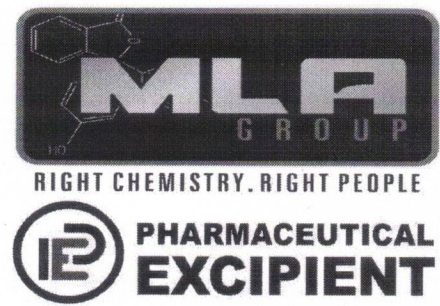
CERTIFICATE OF ANALYSIS

CUSTOMER : M/S	INVOICE : Sample
PRODUCT : Magnesium Hydroxide	GRADE : IP
BATCH NO. : MH- 17G022023	DATE : 23/02/2023
Date of MFG . : 17/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Description	-	Abulky white powder.	Complies With IP
Identification	-	The resulting solution gives reaction A of magnesium salts.	Passes
Appearance of solution		Solution A is not more intensely coloured than reference solution BS3.	Complies With IP
Arsenic	ppm	NMT 4.0	<4.0
Heavy metals As Pb	ppm	NMT 30.0	<30.0
Iron	%	NMT 0.08	<0.08
Chlorides	%	NMT 0.1	<0.1
Sulphates	%	NMT 0.5	<0.5
Calcium	%	NMT 1.5	<1.5
Soluble substances	%	NMT 1.0	0.38
Substances insoluble in acetic acid	%	NMT 0.1	0.021
Loss on ignition	%	30.0 to 32.5	31.20
Assay	%	Not less than 95.0 per cent and not more than 100.5 per cent of $Mg(OH)_2$.	96.84

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





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 : Magnesium Hydroxide	GRADE : Confirming to USP
BATCH NO. : MH -17D022023	DATE : 28/02/2023
Date of MFG : 17/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Identification	-	1 in 20 solution in 3 N hydrochloric acid responds to the tests for Magnesium	Complies With USP
Microbial limits		It meets the requirements of the test for absence of Escherichia coli.	Complies With USP
Loss on drying	%	Not more than 2.0	2.4
Loss on ignition	%	it loses between 30.0% and 33.0% of its weight.	31.86
Soluble salts		not more than 10 mg of residue remains.	4
Carbonate		not more than a slight effervescence is observed	Complies With USP
Limit of calcium	%	not more than 1.5	<1.5
Lead	%	NMT 0.001.	<0.001
Residual solvents	-	meets the requirements	Complies With USP
Assay	%	95.0 - 100.5 percent of Mg(OH)2.	97.2

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

