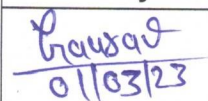
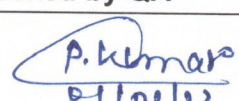
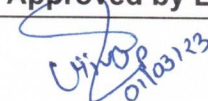


M.L.A. Industries Pvt. Ltd. (Pharma Division)
Regd. Office : 111/230,HARSH NAGAR, KANPUR,Tel. : (0512)-2555292
Factory Address : D-7B , D-8 & D-16, Panki Industrial Area, Site-1, Kanpur, Uttar Pradesh 208022
Website:www.mlagroup.com, E-mail:sales@mlagroup.com
(Drug License No. UP78250000012)
(Food Safety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

CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE : Sample
PRODUCT : Precipitated Calcium Carbonate	GRADE : JP
BATCH NO. : PCC- 02E022023	DATE : 01/03/2023
Date of MFG. : 02/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Description	-	Precipitated Calcium Carbonate occurs as a white, fine crystalline powder. It is odorless and tasteless.	Complies to JP
solubility	-	It is practically insoluble in water, but its solubility in water is increased in the presence of carbon dioxide. It is practically insoluble in ethanol (95) and in diethyl ether.	Complies to JP
Identification	-	Test A – Dissolve 0.5 g of Precipitated Calcium Carbonate in 10 mL of dilute hydrochloric acid, boil, then cool, and neutralize with ammonia TS: the solution responds to the Qualitative Tests for calcium salt. Test B - Calcium Carbonate responds to the Qualitative Tests (1) for carbonate.	Passes Passes
Acid insoluble substances	mg	NMT 10.0 mg	7
Heavy metals As Pb	ppm	NMT 20 ppm	<20.0
Barium	-	no green color appears.	Passes
Magnesium and alkali metals	mg	The residue is NMT 5.0 mg	3
Arsenic	ppm	NMT 5 ppm	<5.0
Loss on drying	%	NMT 1.0% (1 g, 180°C, 4 hours).	0.52
Assay	%	NLT 98.5% of calcium carbonate (CaCO ₃).	Passes

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

