

Certificate of Analysis

R/QC-032-A/2

Product	Magnesium Carbonate Heavy	Order No.	2201202 ✓
Batch No..	20221010011 ✓	Designated Batch No.	22001829/0 ✓
Packing Specification	25kg/bag	Packing	paper bag + PE bag
Production Quantity	18000kg	Report Date	October, 20,2022 ✓
Manufacturing Date	October, 2022 ✓	Expiry Date	October, 2024
Analysis Standard	USP 35/ FCC V/ E504/ EP 8.0	RC Code No.	RC.03.04.000849

Items of Test	Standard	Test Results
Description		
Description	White powder, no visible foreign impurities	Positive ✓
Chemical-Physical Parameters		
Identification	Positive	Positive ✓
Apperance of solution	Pass test	Pass test ✓
Assay as MgO	40.0%-43.5%	40.9% ✓
Calcium	≤0.45%	0.04% ✓
Calcium Oxide	≤0.6%	0.15% ✓
Acetic- insoluble Substances	≤0.05%	0.02% ✓
Insolubles in hydrochlride acid	≤0.05%	0.03% ✓
Heavy Metal as Pb	≤10mg/kg	<10mg/kg ✓
Soluble Substances	≤1%	0.2% ✓
Iron as Fe	≤200mg/kg	30mg/kg ✓
Lead as Pb	≤2mg/kg	0.28mg/kg ✓
Arsenic as As	≤2mg/kg	0.066mg/kg ✓
Cadmium as Cd	≤1mg/kg	Not Detected (<0.001mg/kg) ✓
Mercury as Hg	≤0.1mg/kg	0.004mg/kg ✓
Chlorides	≤700mg/kg	420mg/kg ✓
Sulfates	≤0.6%	0.3% ✓
Bulk density	0.5g/ml-0.7g/ml	0.67g/ml ✓
Loss on Drying	≤2.0%	1.4% ✓
Microbiological Parameters		
Total plate count	≤1000cfu/g	<10 cfu/g ✓
Yeasts & Moulds	≤25cfu/g	5 cfu/g ✓
Coliforms	≤40cfu/g	<10 cfu/g ✓
Escherichia coli	Absent	Absent ✓

Conclusion

Meets the standard of USP 35/ FCC V/ E504/ EP 8.0

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