

Certificate of Analysis

Date of Testing: 2024-10-28 09:54:30

Date of Next Testing: 2027-10-28 09:54:30

Product Name: **Magnesium carbonate basic**

CAS Number: 39409-82-0

Specifications & Purity: PharmPure™, Heavy, pharmaceutical grade

Lot #: J2424708

SKU #: **M432686**

Version: **3**

Analysis #: **415440**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
CaO	0-0.6 (%)	0.00000 %
Assay(MgO)	40-43.5 (%)	42.08000 %
Insoluble matter in HCl	0-0.05 (%)	0.00 %
Iron(Fe)	0-0.02 (%)	0.00 %
Sulfate(SO42-)	0-0.5 (%)	0.00 %
Chloride (Cl-)	0-0.035 (%)	0.00230 %
Arsenic(As)	0-2 (ppm)	0.00000 ppm
Heavy metals	0-30 (ppm)	0.00 ppm
Mercury(Hg)	0-0.00005 (%)	0.00 %
Soluble salts	0-1 (%)	0.50 %
Total aerobic bacteria count	0-1000 (cfu/g)	700.00000 cfu/g
Total number of mold and yeast	0-100 (cfu/g)	80.00000 cfu/g
bulk density	≥0.25 (g/ml)	0.25 g/ml
Appearance(M432686)	White to off white solid or crystalline powder	White to off white solid or crystalline powder
Control bacteria(Escherichia coli)	none detected	none detected



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager