

Certificate of Analysis

Date of Testing: 2024-04-24 17:22:58

Date of Next Testing: 2028-04-23 17:22:58

Product Name: **Barium carbonate**

CAS Number: 513-77-9

Specifications & Purity: Analytical Reagent, 99%

Lot #: D2423141

SKU #: **B112362**

Analysis: **350146**

Parameter	Limit Values	Result
Calcium and strontium(With sulfate plan)	0-0.15 (%)	0.01 %
Insoluble matter in HCl	0-0.01	0.01
Iron(Fe)	0-0.0005 (%)	0.00 %
Free alkali(as KOH)	0-0.02 (%)	0.00 %
Nitrogen by Elemental Analysis	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Sulfate compounds(S)	0-0.0001 (%)	0.00 %
Substances not precipitated by sulfuric acid	0-0.05 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Assay	99-100 (%)	99.95 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(B112362)	White to Off White Powder or Chunks	White to Off White Powder or chunks



John Su
QA & QC Manager