

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-28 10:39:51

Date of Next Testing: 2029-07-27 10:39:51

Product Name: **Barium carbonate**

CAS Number: 513-77-9

Specifications & Purity: AR, ≥99%

Lot #: G2525196

SKU #: **B112362**

Version: **2**

Analysis #: **548532**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium and strontium(With sulfate plan)	0-0.15 (%)	0.00000 %
Insoluble matter in HCl	0-0.01	0.00021
Iron(Fe)	0-0.0005 (%)	0.00000 %
Free alkali(as KOH)	0-0.02 (%)	0.01040 %
Nitrogen by Elemental Analysis	0-0.002 (%)	0.00030 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sulfale compounds(S)	0-0.0001 (%)	0.00000 %
Substances not precipitated by sulfuric acid	0-0.05 (%)	0.00000 %
Chloride (Cl-)	0-0.002 (%)	0.00045 %
Assay	99-100 (%)	99.95310 %
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