

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-22 09:01:24

Date of Next Testing: 2030-04-21 09:01:24

Product Name: **Barium sulfate**

CAS Number: 7727-43-7

Specifications & Purity: AR

Lot #: D2617301

SKU #: **B112373**

Version: **1**

Analysis #: **697018**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99-100 (%)	99.99020 %
Loss on ignition(800±10°C,1h)	0-1.5 (%)	0.10000 %
Hydrochloric acid soluble substance	≤0.15 (%)	0.00000 %
Total nitrogen (N)	0-0.005 (%)	0.00000 %
Chloride (Cl-)	0-0.005 (%)	0.00000 %
Soluble barium salt(as Ba)	≤0.0001 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
(As)Arsenic	0-0.0001 (%)	0.00000 %
Soluble sulfate(as SO ₄)	≤0.005 (%)	0.00000 %
Appearance (B112373)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager