

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 14:08:07

Date of Next Testing: 2029-01-08 14:08:07

Product Name: **Barium sulfate**

CAS Number: 7727-43-7

Specifications & Purity: AR

Lot #: A2507604

SKU #: **B112373**

Version: **1**

Analysis #: **461127**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99-100 (%)	99.99000 %
Loss on ignition(800±10°C,1h)	0-1.5 (%)	1.20000 %
Hydrochloric acid soluble substance	≤0.15 (%)	0.00900 %
Total nitrogen (N)	0-0.005 (%)	0.00010 %
Chloride (Cl-)	0-0.005 (%)	0.00012 %
Soluble barium salt(as Ba)	≤0.0001 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00003 %
Iron(Fe)	0-0.0005 (%)	0.00001 %
(As)Arsenic	0-0.0001 (%)	0.00001 %
Soluble sulfate(as SO ₄)	≤0.005 (%)	0.00021 %
Appearance (B112373)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager