

Certificate of Analysis

Date of Testing: 2025-01-09 14:41:47

Date of Next Testing: 2029-01-08 14:41:47

Product Name: **Barium sulfate**

CAS Number: 7727-43-7

Specifications & Purity: AR

Lot #: A2507618

SKU #: **B112373**

Version: **1**

Analysis #: **461127**

Parameter	Limit Values	Result
Assay	99-100 (%)	99.99 %
Loss on ignition(800±10°C,1h)	0-1.5 (%)	1.20 %
Hydrochloric acid soluble substance	≤0.15 (%)	0.00900 %
Total nitrogen (N)	0-0.005 (%)	0.00010 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Soluble barium salt(as Ba)	≤0.0001 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
(As)Arsenic	0-0.0001 (%)	0.00 %
Soluble sulfate(as SO4)	≤0.005 (%)	0.00021 %
Appearance (B112373)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager