

Certificate of Analysis

Date of Testing: 2025-01-09 10:37:55
Date of Next Testing: 2029-01-08 10:37:55
Product Name: **Barium sulfate**
CAS Number: 7727-43-7
Specifications & Purity: AR
Lot #: C2126111
SKU #: **B112373**
Version: **1**
Analysis #: **459737**

Parameter	Limit Values	Result
Assay	99-100 (%)	99.90 %
Loss on ignition(800±10°C,1h)	0-1.5 (%)	0.00 %
Hydrochloric acid soluble substance	≤0.15 (%)	0.10000 %
Total nitrogen (N)	0-0.005 (%)	0.00040 %
Chloride (Cl-)	0-0.005 (%)	0.01 %
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 SO ₄)	≤0.005 (%)	0.00060 %
Appearance (B112373)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager