

Certificate of Analysis

Date of Testing: 2024-07-08 15:59:17

Date of Next Testing: 2028-07-07 15:59:17

Product Name: **Barium oxide**

CAS Number: 1304-28-5

Specifications & Purity: Analytical Reagent, 97.0%

Lot #: F2426337

SKU #: **B104889**

Version: **0**

Analysis #: **352766**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-0.005 (%)	0.00 %
Heavy metals	0-0.005 (%)	0.00 %
Carbonate	0-2 (%)	1.30 %
Purity (Titration by NaOH)	96.5-103.5 (%)	97.00 %
Chloride (Cl-)	0-0.01 (%)	0.01 %
Sulfuric acid not sediment	0-0.5 (%)	0.30 %
Insoluble matter in HCl	0-0.5 (%)	0.00 %
ICP: Confirms Barium	Confirmed	Confirmed
Component		
Appearance (B104889)	White to Yellow to Grey or Green Powder/ Crystals	White to Yellow to Grey or Green Powder/ Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager