

Certificate of Analysis

Date of Testing: 2022-08-25 13:29:58
Date of Next Testing: 2026-08-24 13:29:58
Product Name: **Barium oxide**
CAS Number: 1304-28-5
Specifications & Purity: 99.5% (metals basis excluding Sr), Sr <500ppm
Lot #: H2210015
SKU #: **B104890**
Analysis: 128716
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.95 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.58 %
Total Metallic Impuritie	0-5000 (ppm)	4900.00 ppm
Appearance (B104890)	White to Off-White Powder	White to Off-White Powder
ICP:Confirms Barium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager