

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-13 16:23:18  
Date of Next Testing: 2027-03-12 16:23:18  
Product Name: **Barium oxide**  
CAS Number: 1304-28-5  
Specifications & Purity: 99.5% (metals basis excluding Sr), Sr <500ppm  
Lot #: C2304437  
SKU #: **B104890**  
**Analysis:** **199010**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.83%
Purity(Neutralization titration)	97.5-102.5 (%)	97.50%
Total Metallic Impuritie	0-5000 (ppm)	1689.00 ppm
Assay(Titration by NaOH)	97.5-102.5 (%)	98.01%
Appearance (B104890)	White to Off-White Powder	White to Off-White Powder
ICP:Confirms Barium Component	Confirmed	Confirmed



John Su  
QA & QC Manager