

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-22 10:10:33
 Date of Next Testing: 2030-04-21 10:10:33
 Product Name: **Barium oxide**
 CAS Number: 1304-28-5
 Specifications & Purity: AR, ≥97%
 Lot #: D2620197
 SKU #: **B104889**
 Version: **0**
 Analysis #: **691842**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Sulfuric acid not sediment	0-0.5 (%)	0.30000 %
Iron(Fe)	0-0.005 (%)	0.00100 %
Heavy metals	0-0.005 (%)	0.00300 %
Carbonate	0-2 (%)	1.30000 %
Chloride (Cl-)	0-0.01 (%)	0.00500 %
Purity (Titration by NaOH)	96.5-103.5 (%)	97.00000 %
Insoluble matter in HCl	0-0.5 (%)	0.25000 %
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
ICP: Confirms Barium Component	Confirmed	Confirmed



John Su
QA & QC Manager