

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-12 14:15:50
Date of Next Testing: 2024-05-01 14:15:50
Product Name: **Barium peroxide**
CAS Number: 1304-29-6
Specifications & Purity: Analytical Reagent
Lot #: G2016258
SKU #: **B299364**
Analysis: **090408**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Insoluble matter in HCl	0-5000 (ppm)	2310.00 ppm
Purity(redox titration)	90-100 (%)	96.88 %
Iron(Fe)(F-AAS)	0-50 (ppm)	23.10 ppm
Heavy metals(as Pb)	0-0.01 (%)	0.01 %
Chloride (Cl-)	0-100 (ppm)	34.22 ppm
Loss on drying(105°C)	0-1 (%)	0.23 %
Substances not precipitated by hydrogen sulfide	0-1 (%)	0.32 %
Appearance (B299364)	White to Light Brown Powder	White to Light Brown Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager