

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-21 14:32:46
Date of Next Testing: 2028-09-20 14:32:46
Product Name: **Barium titanate**
CAS Number: 12047-27-7
Specifications & Purity: $\geq 99.5\%$ metals basis, powder, $< 4\mu\text{m}$
Lot #: I2411313
SKU #: **B106130**
Version: **0**
Analysis #: **404910**
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	1093.00000 ppm
Purity (Based On Trace Metals Analysis)	99.5-100 (%)	99.89070 %
Loss on drying	0-1 (%)	0.08000 %
Particle size	0-4 (μm)	2.00000 μm
Appearance (B106130)	White to Off-White Powder	White to Off-White Powder
ICP: Confirms Ti and Ba Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager