



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-24 16:52:20

Date of Next Testing: 2029-07-23 16:52:20

Product Name: **Barium hydroxide hydrate**

CAS Number: 40226-30-0

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: G2521094

SKU #: **B573482**

Version: **1**

Analysis #: **198950**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.84590 %
Trace Metal Analysis	0-5000 (ppm)	1541.00000 ppm
Titration by HCL (Ba(OH) $_2$ *XH $_2$ O)	98-102 (%)	101.98000 %
Appearance(B573482)	White Crystals, Powder or Granules	White Crystals, Powder or Granules
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager