

Certificate of Analysis

Date of Testing: 2022-02-15 09:14:49

Date of Next Testing: 2026-02-14 09:14:49

Product Name: **Barium hydroxide octahydrate**

CAS Number: 12230-71-6

Specifications & Purity: ACS,98%

Lot #: B2211242

SKU #: **B116439**

Analysis: 062955

Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter | Limit Values | Result |
|--------------------------|--------------------------|--------------------------|
| BaCO3 by HCL | 0-2 (%) | 0.55 % |
| Insoluble in dilute HCl | 0-0.01 (%) | 0.00 % |
| Calcium(Ca) | 0-0.05 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Potassium(K) | 0-0.01 (%) | 0.00 % |
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.001 (%) | 0.00 % |
| Sodium(Na) | 0-0.01 (%) | 0.00 % |
| Strontium(Sr) | 0-0.8 (%) | 0.00 % |
| Purity(Titration by HCl) | 97.5-102.5 (%) | 97.81 % |
| Appearance (B116439) | White Powder or Crystals | White Powder or Crystals |
| sulfide (S2-) | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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QA & QC Manager