

## Certificate of Analysis

Date of Testing: 2023-09-21 16:32:40

Date of Next Testing: 2027-09-20 16:32:40

Product Name: **Barium carbonate**

CAS Number: 513-77-9

Specifications & Purity: Analytical Reagent, 99%

Lot #: I2315046

SKU #: **B112362**

Analysis: **277499**

| Parameter                                    | Limit Values                        | Result                              |
|----------------------------------------------|-------------------------------------|-------------------------------------|
| Calcium and strontium(With sulfate plan)     | 0-0.15 (%)                          | 0.01 %                              |
| Insoluble matter in HCl                      | 0-0.01                              | 0.00                                |
| Iron(Fe)                                     | 0-0.0005 (%)                        | 0.00 %                              |
| Free alkali(as KOH)                          | 0-0.02 (%)                          | 0.00 %                              |
| Nitrogen by Elemental Analysis               | 0-0.002 (%)                         | 0.00 %                              |
| Heavy metal (as Pb)                          | 0-0.0005 (%)                        | 0.00 %                              |
| Sulfate compounds(S)                         | 0-0.0001 (%)                        | 0.00 %                              |
| Substances not precipitated by sulfuric acid | 0-0.05 (%)                          | 0.00 %                              |
| Chloride (Cl-)                               | 0-0.002 (%)                         | 0.00 %                              |
| Assay                                        | 99-100 (%)                          | 99.95 %                             |
| X-Ray Diffraction                            | Conforms to Structure               | Conforms to Structure               |
| Appearance(B112362)                          | White to Off White Powder or Chunks | White to Off White Powder or chunks |



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QA & QC Manager