

## Certificate of Analysis

Date of Testing: 2024-04-16 16:11:38

Date of Next Testing: 2028-04-15 16:11:38

Product Name: **Barium sulfide**

CAS Number: 21109-95-5

Specifications & Purity:  $\geq 99.7\%$ ,  $\geq 200$  mesh

Lot #: D2403009

SKU #: **B106631**

Version: **0**

Analysis #: **121100**

Storage Temperature: Argon charged

| Parameter                              | Limit Values                        | Result                              |
|----------------------------------------|-------------------------------------|-------------------------------------|
| Particle size                          | $\geq 200$ (mesh)                   | 551.00 mesh                         |
| Total Metallic Impuritie               | 0-3000 (ppm)                        | 412.00 ppm                          |
| Purity(Based On Trace Metals Analysis) | 99.7-100 (%)                        | 99.96 %                             |
| Appearance (B106631)                   | Greyish-White to Pale Yellow Powder | Greyish-White to Pale Yellow Powder |
| ICP: Confirms Ba and S Components      | Confirmed                           | Confirmed                           |
| X-Ray Diffraction                      | Conforms to Structure               | Conforms to Structure               |



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