



# BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,  
Contact no: +91-8295241953, +91-7404210730

## CERTIFICATE OF ANALYSIS

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>Product Name</b>     | <b>ZIRCONIUM DIOXIDE 99.5% AR</b> |
| <b>Code No.</b>         | <b>B-02895</b>                    |
| <b>Batch No.</b>        | <b>BC09243479</b>                 |
| <b>Cas No.</b>          | <b>1314-23-4</b>                  |
| <b>Mfg.Date</b>         | <b>Sep/2024</b>                   |
| <b>Date of Analysis</b> | <b>09/24/2024</b>                 |
| <b>Retest Date</b>      | <b>Oct-2029</b>                   |

| <b>TEST</b>  | <b>SPECIFICATION</b>     | <b>RESULT</b> |
|--|--------------------------|---------------|
| <b>Appearance</b>                                      | White crystalline powder | White powder  |
| <b>Assay (as ZrO<sub>2</sub>+HfO<sub>2</sub>)</b>      | Min 99.5%                | 99.51%        |
| <b>Silicate (SiO<sub>2</sub>)</b>                      | Max 0.12%                | <0.12%        |
| <b>Titanium (TiO<sub>2</sub>)</b>                      | Max 0.007%               | <0.007%       |
| <b>Iron (Fe<sub>2</sub>O<sub>2</sub>)</b>              | Max 0.002%               | 0.0018%       |
| <b>Pyconometric density (g/cc)</b>                     | ~ 5.7                    | 5.7           |
| <b>Partical size (d<sub>10</sub> - d<sub>90</sub>)</b> | 11 - 39 μm               | 11-39         |

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on +91-7404210730 Website- [www.biofinechemical.com](http://www.biofinechemical.com)