

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ZIRCONIUM DIOXIDE**

<b>CAS No</b>	: 1314-23-4	<b>Product code</b>	: 19965
<b>Mol. Formula</b>	: ZrO <sub>2</sub>	<b>Batch No.</b>	: MCR-7204-07
<b>Mol. WT</b>	: 123.22	<b>Mfd.</b>	: Dec. 2023
<b>Date of analysis</b>	: 27/12/23	<b>Exp.</b>	: Nov. 2028

S. R	Test	Specification	Observation
1	<b>Description</b>	White crystalline powder.	White crystalline powder.
2	<b>Assay</b>	97% min	97.20%
3	<b>Silicates (SiO<sub>2</sub>)</b>	0.25% max	<0.25%
4	<b>Titanium (TiO<sub>2</sub>)</b>	0.16% max	<0.16%
5	<b>Iron (Fe<sub>2</sub>O<sub>3</sub>)</b>	0.07% max	<0.07%
6	<b>Loss on ignition at 1000°C</b>	2.0 - 3.5%	2.8%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.