

CERTIFICATE OF ANALYSIS

PRODUCT NAME : TITANIUM DIOXIDE

CAS No : 13463-67-7

Mol. Formula : TiO₂

Mol. WT : 79.90

Date of Analysis : 29/12/23

Product code : 19540

Batch No : MCR-27114-01

Mfd. : Dec. 2023

Exp. : Nov. 2028

S. R	Test	Specification	Observation
1	Description	White or off white powder .	White powder.
2	Assay	99% w/w min	99.44% w/w
3	Sulphate (SO ₄)	0.05% max	< 0.05%
4	Loss on ignition (105 ⁰ C)	0.2% max	0.10%
5	Iron (Fe)	0.02% max	< 0.02%
6	Heavy metals (as Pb)	0.003% max	< 0.003%
7	Inorganic coating	None	None
8	Organic treatment	Present	Present
9	Particle size	about 0.13um	0.13um
10	Specific gravity	about 3.70	3.70
11	Oil absorption (g/100g pigment)	about 25	25
12	Water demand (ml/100g pigment)	about 30	30

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Jyoti)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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