



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TITANIUM DIOXIDE

CAS No : 13463-67-7

Mol. Formula : TiO₂

Mol. WT : 79.90

Date of Analysis : 07/12/22

Product code : 19540

Batch No : MCR-27114

Mfd. : Dec. 2022

Exp. : Nov. 2027

S. R	Test	Specification	Observation
1	Description	White or off white powder .	White powder.
2	Assay	99% w/w min	99.45% 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 ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**