



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TITANIUM DIOXIDE

CAS No : 13463-67-7

Mol. Formula : TiO_2

Mol. WT : 79.90

Date of Analysis : 12/09/23

Product code : 19540

Batch No : MCR-10116-02

Mfd. : Sept. 2023

Exp. : Aug. 2028

S.R	Test	Specification	Observation
1	Description	White or off white powder .	White powder.
2	Assay	99% w/w min	99.38% w/w
3	Sulphate (SO_4)	0.05% max	< 0.05%
4	Loss on ignition (105°C)	0.2% max	0.16%
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]

[QC Incharge]

**CHEMIST
(Ruchi)**

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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015•ISO 14001: 2015•BS OHSAS 18001: 2007•WHO-GMP Certified•NSIC Registered•MSME Registered•CAA Registered