



CERTIFICATE OF ANALYSIS

PRODUCT NAME : SILICON DIOXIDE

CAS No : 7631-86-9
Mol. Formula : SiO₂
A .WT : 60.08
Date of analysis : 23/12/19

Product code : 17938
Batch No : MCR-20437
Mfd. : Dec. 2019
Exp. : Nov. 2024

S.R	Test	Specification	Observation
1	Description	White powder.	White powder.
2	Specific Surface Area (BET)	100 – 140 m ² /gm	130 m ² /gm
3	Whiteness	102 - 104	103
4	Moisture Loss (2 Hrs / 105°C)	4 – 6 % by Wt	4.10% by Wt
5	Ignition Loss (2 Hrs / 1000°C)	4 – 6 % by Wt	4.20 % by Wt
6	pH of 5% aqueous suspension	6.8 - 7.2	6.84
7	Water Absorption	270 – 300 % by Wt	280 % by Wt
8	Bulk Density	70 – 90 gms / lit	80 gms / lit
9	Sieve Residue (on 325 mesh)	1-2 % by Wt	1.3 % by Wt
10	Purity - Silica SiO₂	98.00 % by Wt (min.)	98.4 % by Wt
11	Aluminium as Al₂O₃	0.20 % by Wt (max.)	0.11 % by Wt
12	Sodium Sulphate as Na₂SO₄	2.00 % by Wt (max.)	1.3 % by Wt
13	Iron as Fe₂O₃	0.05 % by Wt (max.)	0.04 % by Wt
14	Copper & Manganese	5.00 ppm (max.)	<5.00 ppm

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[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**



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