

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SILICON DIOXIDE

CAS No : 7631-86-9
Mol. Formula : SiO₂
M.WT : 60.08
Date of analysis : 07/04/25

Product code : 17938
Batch No : MCR-33641
Mfd. : April 2025
Exp. : March 2030

S.R	Test	Specification	Observation
1	Description	White powder.	White powder.
2	Specific Surface Area (BET)	100 – 140 m ² /gm	135 m ² /gm
3	Whiteness	102 - 104	103
4	Moisture Loss (2 Hrs / 105°C)	4 – 6 % by Wt	4.03% by Wt
5	Ignition Loss (2 Hrs / 1000°C)	4 – 6 % by Wt	4.13% by Wt
6	pH of 5% aqueous suspension	6.8 - 7.2	6.90
7	Water Absorption	270 – 300 % by Wt	290 % by Wt
8	Bulk Density	70 – 90 gms / lit	80 gms / lit
9	Sieve Residue (on 325 mesh)	1-2 % by Wt	1.0 % by Wt
10	Purity - Silica SiO ₂	98.00 % by Wt (min.)	98.5 % by Wt
11	Aluminium as Al ₂ O ₃	0.20 % by Wt (max.)	0.15 % by Wt
12	Sodium Sulphate as Na ₂ SO ₄	2.00 % by Wt (max.)	1.0 % by Wt
13	Iron as Fe ₂ O ₃	0.05 % by Wt (max.)	0.03 % by Wt
14	Copper & Manganese	5.00 ppm (max.)	< 5.00 ppm

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Sayli)**




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

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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.