

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Silica Precipitated
2. INCI Name	Hydrated Silica
3. CAS Number	112926-00-8 (7631-86-9)
4. Formula	SiO ₂
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG Date
7. Date of Analysis	Mar-2024

Sr	Description of Test	Specification/Limits	Result
1	Appearance	White Free Flowing Powder	Compiles
2	pH (5% w/v) Aq.Sol.	6.5 to 7.5	Compiles
3	L.O.D @ 110°C for 2 hrs.	5.0%(Max)	Compiles
4	Moisture Content (@ 105°C for 2 hrs)	5.0%(Max)	Compiles
5	Bulk Density Before Tapping	Gm/ml, 0.08 max.	Compiles
6	Bulk Density After Tapping	Gm/ml, 0.10 max.	Compiles
7	Loss on ignition (@ 1000°C for 2 hrs anhydrous basis)	6.0%(Max)	Compiles
8	SiO ₂ on Anhydrous Basis	98.0%(Min)	Compiles
9	Iron Content	200 ppm Max	Compiles
10	Other Soluble Salt	1.0%(Max)	Compiles
11	Residue on 325 Mesh (Wet Sieving)	2.0%(Max)	Compiles
12	Water Absorption	260%(Min)	Compiles
13	Oil Absorption	240 (Min)	Compiles
14	Surface Area- BET	180 (Min)	Compiles