



## Certificate of Analysis.

### Silicon Dioxide, >99%.

Product code:	<b>BS14877.</b>
Description:	<b>Silicon Dioxide, &gt;99%.</b>
Chemical Name:	<b>White quartz.</b>
Pack:	<b>500 gm.</b>
CAS NO.:	<b>14808-60-7.</b>
Mol. Weight:	<b>60.08 g/mol.</b>
Mol. Formula:	<b>O<sub>2</sub>Si.</b>
MDL Number:	<b>MFCD02100519.</b>
Melting point:	<b>1610 °C.</b>
Boiling Point:	<b>2230 °C.</b>
Density:	<b>2.6 g/ml.</b>
Solubility:	<b>Soluble in HF.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	White powder.	<b>Lot specific.</b>
PH (5% Slurry):	4.0 – 7.0.	<b>Lot specific.</b>
Loss on drying at 145°C:	<5.0%.	<b>Lot specific.</b>
Loss on ignition at 950 °C:	<8.5%.	<b>Lot specific.</b>
Residue on 325 mesh:	Nil.	<b>Lot specific.</b>
Particle Size:	< 45.00 micron.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




**Dr. K. Deepti.**  
**Technical Head.**

