

## 553 – SELENIUM DIOXIDE

REF NO: TBL/QA/SS/LC/553	STANDARD SPECIFICATION FOR SELENIUM DIOXIDE	Rev. No: 03
Issue No: 04		Review Date: 22/03/2025
Issue Date: 23/03/2022		Product code: 553

### PRODUCT PROPERTIES

C.A.S Number	7446-08-4
Chemical Formula	SeO <sub>2</sub>
Formula weight	110.96
Functional Uses	<p>Selenium dioxide (SeO<sub>2</sub>) can be used as:</p> <ul style="list-style-type: none"> <li>An oxidizing agent to introduce carbonyl functional groups at activated carbon.</li> <li>A catalyst in the allylic hydroxylation reactions.</li> </ul>
Standard Packaging	100 gm, 500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.05%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Iron (Fe)	NMT – 0.005%
Assay	NLT – 98.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

