

## 677 – ZINC CARBONATE BASIC

REF NO: TBL/QA/SS/LC/677	STANDARD SPECIFICATION FOR ZINC CARBONATE BASIC	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 677

### PRODUCT PROPERTIES

C.A.S Number	5263-02-5
Chemical Formula	$3Zn(OH)_3 \cdot 2ZnCO_3$
Formula weight	549.01
Functional Uses	Zinc Carbonate Basic used in the preparation of ZnO Nano powder. It may be employed as a catalyst for the synthesis of methyl phenylcarbamate.
Standard Packaging	500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White amorphous powder.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.05%
Heavy Metals (Pb)	NMT – 0.002%
Iron (Fe)	NMT – 0.01%
Calcium (Ca)	NMT – 0.5%
Assay (as Zn)	52.0 – 53.0%

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

