

## 4046– DI-CALCIUM PHOSPHATE DIHYDRATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/4046	STANDARD SPECIFICATION FOR DI-CALCIUM PHOSPHATE DIHYDRATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 4046

### PRODUCT PROPERTIES

C.A.S Number	7789-77-7
Chemical Formula	CaHPO <sub>4</sub> .2H <sub>2</sub> O
Formula weight	172.1
Functional Uses	Di-Calcium Phosphate Dihydrate is used for manufacturing of medicine in Pharmaceutical.
Standard Packaging	500 gm, 25 Kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying(at 200°C, 3hour)	18.0 – 22.0 %
Fluoride ( as F)	NMT – 50 mg/Kg
Arsenic ( as As )	NMT – 3 mg/Kg
Heavy metals ( as Pb )	NMT – 30 mg/Kg
Assay (as CaHPO <sub>4</sub> )	98.0 – 102.0 %

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

