

## 160– CALCIUM NITRATE (TETRA) AR GRADE

REF NO: TBL/QA/SS/LC/160	<b>STANDARD SPECIFICATION FOR CALCIUM NITRATE (TETRA) AR GRADE</b>	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 160

### PRODUCT PROPERTIES

C.A.S Number	13477-34-4
Chemical Formula	Ca(NO <sub>3</sub> ).H <sub>2</sub> O
Formula weight	236.15
Functional Uses	It is used as laboratory reagent.
Standard Packaging	500 gm, 5 Kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless to white crystals.
Solubility	Soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH(1% Soln at 25°C)	5.0 – 7.0
Chloride (Cl)	NMT – 0.005%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.001%
Magnesium (Mg)	NMT 0.05%
Assay	NLT – 99.0%

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

