

2281 – SODIUM CHROMATE (Tetra) EXTRA PURE

REF NO: TBL/QA/SS/LC/2281	STANDARD SPECIFICATION FOR SODIUM CHROMATE (Tetra) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 2281

PRODUCT PROPERTIES

C.A.S Number	10034-82-9
Chemical Formula	Na ₂ CrO ₄ ·4H ₂ O
Formula weight	234.03
Functional Uses	Sodium chromate tetrahydrate can be used as an oxidant in organic synthesis and also as a carrier electrolyte in the capillary electrophoresis
Standard Packaging	500 gm & 25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Bright yellow crystals or crystalline powder.
Solubility	Soluble in water, slightly soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Soln. at 25°C)	8.0 – 9.5
Melting Point	18 - 22°C
Chloride	NMT – 0.005%
Sulphate	NMT – 0.01%
Insoluble Matter	NMT – 0.005%
Calcium (Ca)	NMT - 0.005%
Assay	NLT - 97.0%

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

