

2882 – SODIUM CHROMATE (TETRA) AR GRADE

REF NO: TBL/QA/SS/LC/2882	STANDARD SPECIFICATION FOR SODIUM CHROMATE (TETRA) AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 2882

PRODUCT PROPERTIES

C.A.S Number	10034-82-9
Chemical Formula	$\text{Na}_2\text{CrO}_4 \cdot 4\text{H}_2\text{O}$
Formula weight	234.03
Functional Uses	Sodium chromate tetrahydrate is used as an oxidant in organic synthesis[1] and also as a carrier electrolyte in the capillary electrophoresis
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Lemmon yellow crystals/crystalline powder.
Solubility	10% solution in water is clear and bright.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% aqueous solution)	8.0-10.0
Chloride (Cl)	NMT - 0.005%
Sulphate (SO_4)	NMT - 0.01%
Calcium (Ca)	NMT - 0.005%
Copper (Cu)	NMT - 0.001%
Assay	NLT – 99.5%

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

