

420 – SODIUM ACETATE (TRIHYDRATE)

REF NO: TBL/QA/SS/LC/420	STANDARD SPECIFICATION FOR SODIUM ACETATE (TRIHYDRATE)	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 420

PRODUCT PROPERTIES

C.A.S Number	6131-90-4
Chemical Formula	$C_2H_3NaO_9 \cdot 3H_2O$
Formula weight	100.04
Functional Uses	It is used as a reducing agent in the synthesis of graphene nanosheets via chemical reduction of GO (graphene oxide) under moderate condition
Standard Packaging	500 gm, 5kg & 50kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to colorless crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Soln. at 25 °C)	7.5 – 9.0
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT - 0.02%
Phosphate (PO ₄)	NMT – 0.005%
Iron (Fe)	NMT - 0.002%
Assay	NLT – 99.0%

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

