5059 – SODIUM ACETATE (TRIHYDRATE)

REF NO: TBL/QA/SS/F/5059	STANDARD SPECIFICATION FOR SODIUM ACETATE (TRIHYDRATE)	**Rev. No:** 03
Issue No: 04		**Review Date:** 06/02/2025
Issue Date:07/02/2022		**Product code:** 5059

PRODUCT PROPERTIES

C.A.S Number	127-09-3
Chemical Formula	$C_2H_3NaO_2\,3H_2O$
Formula weight	136.08
Functional Uses	Buffer and as acidulant in food.
Standard Packaging	50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless, transparent crystals or a granular crystalline powder,
Solubility	Very soluble in water; soluble in ethanol
Test for sodium	Passes test
Test for acetate	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1 in 100 soln)	8.0 - 9.5
Loss on drying (120°C , 4 h)	36-42%
Heat test	Passes test
Test for potassium	Negative test
Acidity and alkalinity	Passes Test
Lead	NMT 2 mg/kg
Assay (after drying)	NLT – 98.5%

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