

TBF 006 – SODIUM DIACETATE, (DRY VINEGAR)

REF NO: TBL/QA/SS/F/TBF 006	STANDARD SPECIFICATION FOR SODIUM DIACETATE, (DRY VINEGAR)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
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PRODUCT PROPERTIES

C.A.S Number	126-96-5
Chemical Formula	$C_4H_7NaO_4$
Formula weight	142.09
Functional Uses	Sodium Diacetate is used as flavoring compound that is also used as an anti-microbial agent for meat products.
Standard Packaging	25 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White, hygroscopic crystalline solid with an acetic odour.
Solubility	Freely soluble in water.
Ignition test	Ignite the sample. An alkaline residue is formed which effervesces on acidification.
Test for acetate	Passes test
Test for sodium	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water (Karl Fischer Method)	NMT – 2%
pH (1 in 10 Soln.)	4.5 – 5.0
Formic Acid and Oxidizable impurities	Not more than traces.
Aldehydes (As Propanol)	NMT – 0.2%
Lead	NMT – 2 mg/kg
Assay(Free acetic acid)	39 – 41%
Assay(Sodium acetate)	58 – 60%

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

