

## 5073 – SODIUM NITRATE FOOD GRADE

REF NO: TBL/QA/SS/F/5073	STANDARD SPECIFICATION FOR SODIUM NITRATE FOOD GRADE	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5073

### PRODUCT PROPERTIES

C.A.S Number	7631-99-4
Chemical Formula	NaNO <sub>3</sub>
Formula weight	85.00
Functional Uses	Antimicrobial preservative, colour fixative
Standard Packaging	50 Kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Clear, colourless, odourless, transparent crystals, or white granules or powder; deliquescent in moist air
Solubility	Freely soluble in water; slightly soluble in ethanol
Test for Sodium	Passes test
Test for Nitrate	Passes test

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss On Drying (105°C, 4 h)	NMT – 2.0%
Nitrite	NMT – 30 mg/kg
Lead	NMT – 2 mg/Kg
Assay (on dried basis)	NLT – 99.0%

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

