



TEXCHEM INDUSTRIES

OFFICE: 24- A, AGRASEN NAGAR, UDAIPUR, RAJASTHAN

EMAIL: SWAPNIL@TEXCHEMINDUSTRIES.COM

MOBILE: 9928305588

SODIUM NITRATE – PRODUCT SPECIFICATION

General Information

- **Chemical Name:** Sodium Nitrate
- **Molecular Formula:** NaNO_3
- **Molecular Weight:** 85.00
- **CAS Number:** 7631-99-4

Physical Properties

- **Appearance:** White Crystalline Solid / Granules
- **Odour:** Odourless
- **Solubility:** Highly soluble in water

Quality Requirements

- **Assay:** 99.0% – 100.5%
- **pH (5% Solution):** 5.5 – 8.0 at 25°C
- **Loss on Drying:** 0.5% Max

Maximum Allowable Limits

- **Insoluble Matter:** 0.01% Max
- **Chloride (Cl):** 50 – 100 ppm Max
- **Sulfate (SO_4):** 100 ppm Max
- **Iron (Fe):** 10 ppm Max
- **Heavy Metals (as Pb):** 10 ppm Max