Product Specification

Product Name: SODIUM NITRATE AR

Alternate Name(s)

Description
White granules or powder, or colourless, transparent crystals; deliquescent; odourless; saline slightly bitter taste.

Properties
Chemical Formula: 
Molecular Weight: 84.99

General Information:
Soluble in glycerol. Incompatible with strong reducing agents, finely powdered metals, strong acids, organic materials. Explosive with boron phosphide, cyanides, sodium thiosulfate.

Quality Specification
Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:
- pH of a 5% solution @ 25°C: 5.5-8.3
- Insoluble matter: ≤ 0.005%
- Chloride (Cl): ≤ 0.001%
- Iodate (IO3): ≤ 0.0005%
- Nitrite (NO2): ≤ 0.001%
- Phosphate (PO4): ≤ 0.0005%
- Sulfate (SO4): ≤ 0.003%
- Heavy metals (as Pb): ≤ 0.0005%
- Calcium (Ca): ≤ 0.005%
- Iron (Fe): ≤ 0.0003%
- Magnesium (Mg): ≤ 0.002%

CONFORMS TO ACS

Product Code: SA098
CAS No. 7631-99-4

Hazard and Safety Data
UN Group: III
Class: 5.1
UN Number: 1498
Hazchem code: 1[Z]
CS MSDS Code: 1CH6M
Poison schedule: Not Scheduled
Emergency Procedure Guide No.: 31

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