



Product Specification

Product Name: LITHIUM NITRATE Anhydrous AR

Alternate Name(s)

Description

White powder.

Properties

Chemical Formula: LiNO_3

Molecular Weight: 68.95

Product Code: LA061

CAS No. 7790-69-4

General Information:

Soluble in alcohol. Incompatible with strong reducing agents, organic and combustible material. Oxidizing agent. Keep dry, away from flammable substances.

Hazard and Safety Data

UN Group: III
Class: 5.1
UN Number: 2722
Hazchem code: 1Y
CS MSDS Code: 1CHIQ
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 31

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Decomposition Temp.	600 °C
Solubility in Water (@ 20 °C)	522 g/L
Specific Gravity	2.36
Melting Point	255 °C
Chloride (Cl)	≤ 0.02%
Sulfate (SO ₄)	≤ 0.05%
Iron (Fe)	≤ 0.01%
Lead (Pb)	≤ 0.0001%
Sodium (Na)	≤ 0.05%

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