



Product Specification

Product Name: VANADIUM PENTOXIDE LR

Alternate Name(s) Vanadic anhydride.

Description

Yellow to rust-brown orthorhombic crystals.

Properties

Chemical Formula: V_2O_5

Molecular Weight: 181.88

Product Code: VL002

CAS No. 1314-62-1

General Information:

Soluble in water, concentrated acids and alkalis; insoluble in alcohol.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 2862
Hazchem code: 2Z
CS MSDS Code: 1CHKF
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 34

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility in water 8 g/L
Melting point 690°C
Sulfur (S) $\leq 0.01\%$
Phosphorus (P) $\leq 0.03\%$
Arsenic (As) $\leq 0.01\%$
Sodium oxide + Potassium oxide (Na₂O + K₂O) $\leq 0.7\%$

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