



Product Specification

Product Name: POTASSIUM FERROCYANIDE Trihydrate LR

Alternate Name(s) Potassium hexacyanoferrate(II) trihydrate; yellow prussiate of potash;
Description potassium iron (II) cyanide.
Lemon-yellow crystals or powder; mild saline taste. Loses its water of crystallization when heated to 70 °C.

Properties

Chemical Formula: $K_4Fe(CN)_6 \cdot 3H_2O$
Molecular Weight: 422.39

Product Code: PL039
CAS No. 14459-95-1

General Information:

Insoluble in alcohol. Incompatible with acids, ammonia, cupric nitrate and at high temperature with chromium trioxide and sodium nitrite. Non combustible material.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH5D
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay: 98.5% min.

Specific Properties and Impurities [Typical levels]:

Chloride (Cl) $\leq 0.40\%$
Water insolubles $\leq 0.03\%$

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