



Product Specification

Product Name: POTASSIUM OXALATE Monohydrate AR

Alternate Name(s)

Description

Colourless transparent crystals; odourless. Decomposes when heated; efflorescent in warm dry air.

Properties

Chemical Formula: $(\text{COOK})_2 \cdot \text{H}_2\text{O}$

Molecular Weight: 184.23

Product Code: PA141

CAS No. 6487-48-5

General Information:

Incompatible with strong acids and oxidizers. Combustible.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH8P

Poison schedule: S6

Emergency

Procedure Guide No.: None Allocated

Quality Specification

Assay: 98.5 - 101.0%

Specific Properties and Impurities [Typical levels]:

Specific Gravity	~2.13
Solubility in Water (at 20°C)	360 g/l @ 20°C
pH Value (50g/L, H ₂ O, 20 °C)	7.0 - 8.5
Substances darkened by hot sulfuric acid	Passes test
Neutrality	Passes test
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.01%
Ammonium (NH ₄)	≤ 0.002%
Heavy Metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 0.02%

CONFORMS TO ACS

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