

# Product Specification

## Product Name: POTASSIUM PERMANGANATE LR

Alternate Name(s) Chameleon mineral; Condy's crystals.

### Description

Dark purple crystals or powder; sweetish astringent taste; odourless. Oxidiser.

### Properties

Chemical Formula:  $\text{KMnO}_4$

Molecular Weight: 158.03

Product Code: PL003

CAS No. 7722-64-7

### General Information:

Soluble in acetone and methanol. Incompatible with organic materials, reducing materials, hydrogen peroxide, concentrated acids, antimony, arsenic, titanium, alcohol, arsenites and halides.

### Hazard and Safety Data

UN Group: II  
Class: 5.1  
UN Number: 1490  
Hazchem code: 1Y  
CS MSDS Code: 1CH5L  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 31

### Quality Specification

Assay: 99% min.

### Specific Properties and Impurities [Typical levels]:

|                            |         |
|----------------------------|---------|
| Insoluble matter           | ≤ 1.0%  |
| Chloride (Cl)              | ≤ 0.02% |
| Sulfate (SO <sub>4</sub> ) | ≤ 0.05% |

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