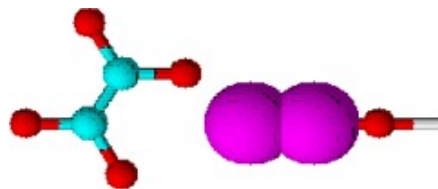


P2147HH Platinum Line

monohydrate

Warranty certificate

Assay (Oxidimetric)	min 99%
Ammonium (NH ₃)	0.002%
Chloride (Cl)	0.002%
Iron (Fe)	0.001%
Lead (Pb)	0.002%
Sodium (Na)	0.2%
Sulphate (SO ₄)	0.02%
Water-insoluble matter	0.005%



Packaging

500g white plastic jar

Physical properties, composition and data

Chemical formula	(COOK) ₂ .H ₂ O, or C ₂ K ₂ O ₄ .H ₂ O
Synonym	Oxalic acid di-potassium salt
Atomic weight	184.24
Chemical group	Oxalates
Appearance	Transparent colourless crystalline powder or crystals
Boiling point	At red heat it is converted to the carbonate without appreciable charring
Melting point	Loses crystal water at 100°C - 160°C
Solubility	Soluble in water
Density (g/ml)	2.127
pH (aqueous solution)	6.0
Hazardous material	Harmful

Laboratory preparation, applications and practices

Laboratory preparation	Potassium formate or carbonate mixed with a small quantity of oxalate and a slight excess of alkali is heated, the oxalate extracted with water and crystallized
Usage	Analytical reagent

Storage and handling information

Storage	Store in a cool dry place
Safety phrases	24/25
Risk phrases	21/22
Disposal methods	16

Transport regulations

Tariff code	2917.11.00
Hazardous class	6.1
Packing group	III
UN number	2811

