

P2025T Gold Line

Typical analysis

Assay	99%
Calcium (Ca)	0.01%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.05%

Packaging

500g white plastic bottle

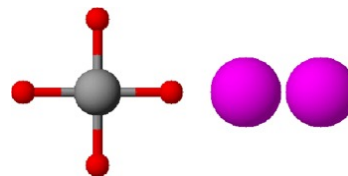
P2026T Platinum Line

Warranty certificate

Assay (Oxidimetric)	min 99%
Calcium (Ca)	0.0005%
Chloride (Cl)	0.005%
Loss on drying (105°C)	0.1%
Sodium (Na)	0.02%
Sulphate (SO ₄)	0.02%
Water-insoluble matter	0.005%

Packaging

500g white plastic bottle



Physical properties, composition and data

Chemical formula	K ₂ CrO ₄ or CrK ₂ O ₄
Synonym	Neutral potassium chromate; Potassium chromate yellow; Potassium chromium (IV) oxide
Chemical group	Chromates Oxides
Atomic weight	194.20
Appearance	Lemon yellow crystals or powder
Solubility	Soluble in water
Melting point	975°C
Density (g/ml)	2.73
pH (aqueous solution)	8.6 - 9.8
Hazardous material	Toxic

Laboratory preparation, applications and practices

Laboratory preparation	Roasting powdered chromite with potash on limestone, treating the cinder with potassium sulphate solution and leaching
Usage	Analytical reagent, indicator for argentometric titrations

Storage and handling information

Storage	Store in a cool dry place separated from combustible substances and reducing agents
Safety phrases	53-45-60-61
Risk phrases	49-46-36/37/38-43-50-53
Disposal methods	22
Caution	Carcinogen

Transport regulations

Tariff code	2841.50.00
Hazardous class	6.1
Packing group	II
UN number	3288
ERG number	157
ECB number	232-140-5

