

## P2170NN Gold Line

### Typical analysis

Assay	99%
Chloride (Cl)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Loss on drying (130°C)	1%
Water-insoluble matter	0.05%

### Packaging

500g white plastic jar

## P2171NN Platinum Line

### Warranty certificate

Assay (Oxidimetric)	min 99%
Calcium (Ca)	0.01%
Chloride (Cl)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.002%
Selenium (Se)	0.0005%
Sodium (Na)	0.005%
Total nitrogen (N)	0.0005%
Water-insoluble matter	0.01%

### Packaging

500g white plastic jar

## Physical properties, composition and data

Chemical formula	$K_2SO_4$ or $K_2O_4S$
Synonym	Sal polychrestum; arcanum duplicatum; tartarus vitriolatus; sulphuric acid potassium salt
Chemical group	Sulphates
Atomic weight	174.26
Appearance	Colourless or white crystalline powder
Solubility	Soluble in water and glycerol
Melting point	1069°C
Boiling point	1689°C
Density (g/ml)	2.662
pH (aqueous solution)	about 7

## Laboratory preparation, applications and practices

Laboratory preparation	By heating potassium cyanide with sulphur
Usage	Analytical reagent. In the Kjeldahl determination of nitrogen

## Storage and handling information

Storage	Store in a cool dry place
Disposal methods	3

## Transport regulations

Tariff code	3104.30.00
ECB number	231.915.5

