

A0117IO Gold Line

Typical analysis

Assay	98%
Chloride (Cl)	0.01%
Iron (Fe)	0.005%
Lead (Pb)	0.001%
Residue on ignition	0.01%

Packaging

500g white plastic jar

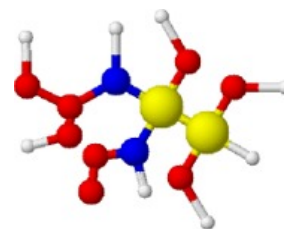
A0118IO Platinum Line

Warranty Certificate

Assay	min 98,5%
Chloride (Cl)	0.0005%
Free acid (as Sulphuric acid)	0.2%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.00005%
Moisture	0.1%
Residue on ignition	0.02%

Packaging

500g white plastic jar



Physical properties, composition and data

Chemical formula	$(\text{NH}_4)_2\text{S}_2\text{O}_8$ or $\text{H}_8\text{N}_2\text{O}_8\text{S}_2$
Chemical group	Persulphates Peroxides
Synonym	Ammonium peroxydisulphate; Peroxydisulphuric acid diammonium salt
Atomic weight	228.20
Appearance	Odourless, colourless plate like or prismatic crystals or white granular powder
Solubility	Soluble in water (582g/l at 20°C)
Melting point	Decomposes above 120°C
Boiling point	Decomposes above 120°C
Density (g/ml)	1.98
pH (aqueous solution)	3.2
Incompatible substances	Organic materials
Other information	Decomposes by natural causes
Hazardous material	Oxidizer and irritant

Laboratory preparation, applications and practices

Laboratory preparation	Anodic oxidation of a saturated ammonium sulphate solution
Usage	Analytical reagent. Detection and determination of manganese and chromium. Polymerization catalyst for the preparation of polyacrylamide gels

Storage and handling information

Storage	Store in a cool dry isolated place separated from incompatible and combustible substances
Safety phrases	22-24-26-37
Risk phrases	8-22-36/37/38-42/43
Disposal methods	3
Caution	Fire risk in contact with organic materials

Transport regulations

Tariff code	2833.40.00
Hazardous class	5.1
Packing group	III
UN number	1444
ERG number	140
ECB number	231-786-5

