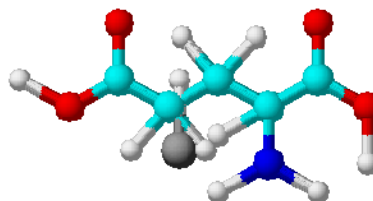


G0982NN Gold Line**Typical analysis**

Assay (Argentimetric)	99 - 101%
Iron (Fe)	0.005%
Lead (Pb)	0.003%
Loss on drying	<0.5%
Residue on ignition	0.025%
Specific rotation (10% aqueous soln)	23.5° to 25.5°C
Sulphate (SO ₄)	0.1%

**Packaging**

100g white plastic jar

Physical properties, composition and data

Chemical formula	C ₅ H ₁₀ ClNO ₄ or NH ₂ .CH(COOH).CH ₂ .COOH.HCl
Synonym	1-Aminopropane-1, 2-Aminopentanedioic acid, 3-Dicarboxylic acid, α-Aminoglutaric acid, Glutacid, Glutaminic acid
Chemical group	Amino acids
Atomic weight	183.59
Appearance	White orthorhombic crystals or powder
Solubility	Soluble in water
Boiling point	170°C
Melting point	224 - 227°C (decomposes)
Density (g/ml)	1.538
Flash point	75°C
Ignition point	490°C

Laboratory preparation, applications and practices

Laboratory preparation	By fermentation of a carbohydrate solution by a suitable micro-organism such as micrococcus glutamicus, or by the hydrolysis of vegetable proteins such as gluten, or by the hydrolysis of casein, soyabean cake, beet molasses
Usage	Biochemical salts

Storage and handling information

Risk phrases	20/21/22
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Transport regulations

Tariff code	2922.42.00
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