

G0975NN	Gold Line
monohydrate	
Typical analysis	
Arsenic (As)	0.001%
Chloride (Cl)	0.02%
Lead (Pb)	0.005%
Loss on drying	6 - 10%
Residue on ignition	0.1%
Sulphate (SO ₄)	0.02%
Sulphate ash	0.1%
Water content	7.0 - 9.5%

Packaging

500g white plastic jar
cas 5996-10-1

G0978NN	Gold Line
anhydrous	
Typical analysis	
Arsenic (As)	0.0005%
Chloride (Cl)	0.05%
Lead (Pb)	0.001%
Loss on drying	0.2%
Residue on evaporation	0.1%
Sulphate (SO ₄)	0.05%

Packaging

500g white plastic jar
5kg white plastic bucket

G0979NN	Platinum Line
anhydrous	
Warranty certificate	
Arsenic (As)	0.0001%
Acidity	0.005%
Chloride (Cl)	0.0125%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Residue on evaporation	0.05%
Sulphate (SO ₄)	0.02%
Sulphated ash	0.05%
Specific rotation	52.50 - 53.30°
Water insoluble matter	0.005%

Packaging

500g white plastic jar

Physical properties, composition and data

Chemical formula	Anhydrous: C ₆ H ₁₂ O ₆ and Monohydrate: C ₆ H ₁₂ O ₆ ·H ₂ O
Synonym	Blood sugar; Corn sugar; Dextrose; Glucose; Grape sugar
Chemical group	Monosaccharides
Occurrence in nature	In fruits and other parts of plants
Atomic weight	Anhydrous: 180.16 and Monohydrate: 198.17
Appearance	White colourless crystals or white powder
Solubility	Soluble in water, slightly in alcohol, ether, acetone
Melting point	Anhydrous: 146°C and Monohydrate: 83°C
Boiling point	Decomposes when heated to high temperatures
Density (g/ml)	1.562

Laboratory preparation, applications and practices

Laboratory preparation	From starch
Usage	Analytical reagent

Storage and handling information

Disposal methods	16
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Transport regulations

Tariff code	1702.30.51
ECB number	200-075-1

