

G0989NN	Platinum Line
87%	
Warranty certificate	
Assay (GLC)	min 87%
Ammonium (NH ₄)	0.001%
Arsenic (As)	0.0003%
Chloride (Cl)	0.003%
Free Acid (as Acetic acid)	0.002%
Free alkali	0.001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0005%
Zinc (Zn)	0.00025%
Packaging	
2.5l clear plastic bottle	

G0990NN	Gold Line
Typical analysis	
Assay	99%
Chloride (Cl)	0.002%
Lead (Pb)	0.001%
Residue on evaporation	0.01%
Sulphate (SO ₄)	0.005%
Packaging	
500ml clear plastic bottle	
2.5l clear plastic bottle	
5l clear plastic bottle	
25l plastic drum	

G0991NN	Platinum Line
Warranty certificate	
Assay	min 99.5%
Arsenic (As)	0.00015%
Chloride (Cl)	0.001%
Copper (Cu)	0.00001%
Iron (Fe)	0.00005%
Lead (Pb)	0.0005%
Residue on ignition	0.005%
Sulphate (SO ₄)	0.002%
Packaging	
500ml clear plastic bottle	
2.5l clear plastic bottle	

Physical properties, composition and data

Chemical formula	C ₃ H ₅ (OH) ₃ or HOCH ₂ CHOHCH ₂ OH
Synonym	1,2,3-Propanetriol; Glycerine; Glycol alcohol; Trihydroxypropane
Chemical group	Polyols
Atomic weight	92.09
Weight per litre	1.23kg
Appearance	Clear, colourless, syrupy liquid
Miscibility	Soluble in water, alcohol, ethyl acetate
Melting point	17.8°C
Boiling point	290°C with decomposition
Auto ignition temperature	176°C(open cup) 160°C(closed cup)
Ignition point	429°C
Density (g/ml)	1.266
pH (aqueous solution)	5
Incompatible substances	Strong oxidising agents, eg...chromic trioxide, potassium chlorate, potassium permanganate

Laboratory preparation, applications and practices

Laboratory preparation	Hydrogenation of carbonates with nickel catalyst
Usage	Analytical reagent
Filter paper	Filtech no: 8613, 8614

Storage and handling information

Storage/handling	Store in a dry place, separated from incompatible substances
Disposal methods	14
Caution	Contact with strong oxidizing agents may produce an explosion

Transport regulations

Tariff code	1520.90.00
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