

U2970NN Gold Line

crystals	
Typical analysis	
Assay	99%
Biuret (C ₂ H ₅ N ₃ O ₂)	0.4%
Chloride (Cl)	0.001%
Iron (Fe)	0.01%
Lead (Pb)	0.002%
Residue on ignition	0.1%
Sulphate (SO ₄)	0.001%

Packaging

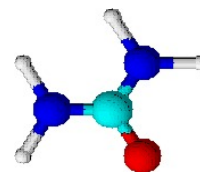
500g white plastic jar

U2971NN Platinum Line

crystals	
Warranty certificate	
Assay	99.5 - 100.5%
Biuret (C ₂ H ₅ N ₃ O ₂)	0.1%
Chloride (Cl)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Loss on drying (105°C)	0.5%
Residue on ignition	0.001%
Sulphate (SO ₄)	0.001%
Water-insoluble matter	0.001%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	CH ₄ N ₂ O or (NH ₂) ₂ CO or CH ₄ N ₂ O
Synonym	Carbamide; Diamenamethana; Carbonyldiamide; Aquacare; Aquadrate; Basodexan; Keratinamin; Nutraplus; Pastaron; Ureaphil; Ureophil; Urepearl
Atomic weight	60.06
Appearance	White crystals or powder
Solubility	Soluble in water, ethanol, methanol, glycerol, concentrated hydrochloric acid and pyridine
Melting point	132 - 135°C
Density (g/ml)	1.335
Boiling point	Decomposes before boiling
pH (aqueous solution)	7.2

Laboratory preparation, applications and practices

Laboratory preparation	From cyanamide by hydrolysis, from carbon dioxide by ammonolysis
Usage	Analytical and synthesis reagent

Storage and handling information

Disposal methods	16
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Transport regulations

Tariff code	3102.10.10
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