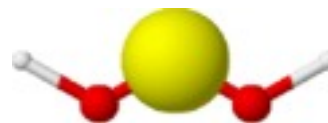


C0449NN Gold Line
Typical analysis

Assay	95%
Acid-insoluble matter	0.5%
Arsenic (As)	0.0005%
Lead (Pb)	0.005%

C0450NN Platinum Line
Warranty certificate

Assay	min 97%
Acid-insoluble matter	0.05%
Arsenic (As)	0.0001%
Chloride (Cl)	0.03%
Iron (Fe)	0.05%
Lead (Pb)	0.001%
Nitrate (NO ₃)	0.005%
Sulphate (SO ₄)	0.02%


Packaging

500g white plastic jar

Packaging

500g white plastic jar

Physical properties, composition and data

Chemical formula	Ca(OH) ₂ or H ₂ CaO ₂ or CaH ₂ O ₂
Synonym	Calcium hydrate; Caustic lime; Hydrated lime; Lime water; Slaked lime
Chemical group	Hydroxides
Atomic weight	74.09
Appearance	White powder or cubic crystals
Solubility	Soluble in glycerol, acids and sugar or ammonium chloride solutions
Melting point	580°C and loses water
Density (g/ml)	2.08 - 2.34
pH (aqueous solution)	12.4
Incompatible substances	Phosphorous, nitroethane, maleic anhydride

Laboratory preparation, applications and practices

Laboratory preparation	Treat an aqueous solution of a calcium salt with an alkali
Usage	Analytical reagent

Storage and handling information

Storage	Keep container well closed and store separated from incompatible substances
Safety phrases	26-36-45
Risk phrases	34
Disposal methods	2
Caution	Violent reaction with incompatible substances

Transport regulations

Tariff number	2825.90.10
Hazardous class	8
Packing group	III
UN number	3262
ERG number	154
ECB number	215-137-3

