

C0438NN Gold Line

dihydrate

Typical analysis

Assay	99%
Iron (Fe)	0.005%
Lead (Pb)	0.005%
Potassium (K)	0.05%
Sulphate (SO ₄)	0.05%
Total Nitrogen	0.005%

Packaging

500g white plastic jar

C0441NN Platinum Line

anhydrous, granular

Warranty certificate

Assay	min 95%
Alkalinity (Calcium hydroxide)	0.02%
Iron (Fe)	0.002%
Lead (Pb)	0.002%
Magnesium and alkali	2%

Packaging

500g white plastic jar

C0439NN Platinum Line

dihydrate

Warranty certificate

Assay	min 99.5%
Arsenic (As)	0.0002%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Magnesium (Mg)	0.05%
Potassium (K)	0.01%
Sodium (Na)	0.02%
Sulphate (SO ₄)	0.01%
Zinc (Zn)	0.002%

Packaging

500g white plastic jar

C0442NN Silver Line

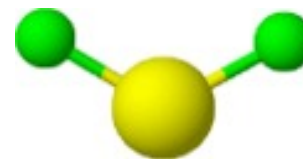
flake

Typical analysis

Assay (CaCl ₂)	77 - 80%
Alkalinity [in C(OH) ₂]	0.142%
Sulphate [in CaSO ₄]	0.190%
Water-insoluble matter	0.09%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	CaCl ₂ (anhydrous) and CaCl ₂ ·2H ₂ O (dihydrate)
Chemical group	Chlorides
Synonym	Chloro calcium; hydrochloric acid calcium salt
Occurrence in nature	Natural salt brines
Atomic weight	Anhydrous 110.99 and dihydrate 147.02
Appearance	White, deliquescent crystals, flake or powder
Solubility	Soluble in water and ethanol
Melting point	772°C
Boiling point	1600°C
Density (g/ml)	2.152
pH (aqueous solution)	8.1
Incompatible substances	Bromine trifluoride, methyl ether
Other information	Hygroscopic

Laboratory preparation, applications and practices

Laboratory preparation	Action of hydrochloric acid on calcium carbonate and subsequent crystallization
Usage	Analytical reagent and desiccant
Filter paper	Filtech no: no: 0285, 1803

Storage and handling information

Storage	Keep container tightly closed in a dry place separated from incompatible substances
Safety phrases	22-24
Risk phrases	36
Disposal methods	3

Transport regulations

Tariff number	2827.20.00
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