

L1255NN Gold Line

monohydrate

Typical analysis

Arsenic (As)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Loss on drying	0.5%
Residue on ignition	0.1%
Specific rotation	+54.4 to +55.9°C
Sulphated ash	0.1%
Water (H ₂ O) [Karl Fisher]	4 - 6%
Water-insoluble matter	0.005%



Packaging

500g white plastic jar

Physical properties, composition and data

Chemical formula	C ₁₂ H ₂₂ O ₁₁ ·H ₂ O
Synonym	Milk sugar; lactobiose; saccharum lactis
Chemical group	Disaccharides
Atomic weight	360.31
Appearance	White crystals or powder
Solubility	Soluble in water, slightly in alcohol
Melting point	201 - 202°C
Boiling point	Decomposes
Density (g/ml)	1.53
pH (aqueous solution)	4 - 6

Laboratory preparation, applications and practices

Laboratory preparation	By-product of the cheese industry, produced from whey
Usage	Analytical reagent

Storage and handling information

Disposal methods	16
------------------	----

Transport regulations

Tariff code	1702.10.10
ECB number	200-559-2

