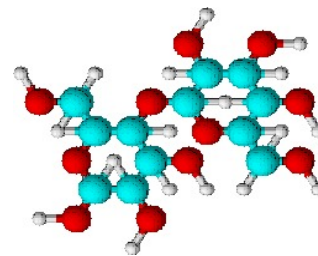


M1417NN	Platinum Line
monohydrate	
<b>Warranty certificate</b>	
Assay	min 92%
Acidity (CH <sub>3</sub> COOH)	0.1%
Arsenic (As)	0.0001%
Chloride (Cl)	0.005%
Glucose	<3%
Lead (Pb)	0.0002%
Optical rotation (dry basis)	135 - 139
Residue on ignition	0.1%
Sulphate (SO <sub>4</sub> )	0.05%
Sulphated ash	0.1%
Water (H <sub>2</sub> O) [Karl Fisher]	<7%
Water-insoluble matter	0.005%

**Packaging**

100g white plastic jar

**Physical properties, composition and data**

Chemical formula	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> ·H <sub>2</sub> O
Synonym	4-(α-D-glucosido)-D-glucose; Malt sugar; maltobiose
Atomic weight	360.31
Appearance	Colourless crystals
Solubility	Soluble in water, slightly in ethanol
Boiling point	102 - 103°C
Melting point	105 - 115°C
pH (aqueous solution)	4.0 - 5.5

**Laboratory preparation, applications and practices**

Laboratory preparation	Enzymatic degradation of starch
Usage	Analytical reagent. Culture media. Stabilizer for polysulphides

**Transport regulations**

Tariff code	1702.90.10
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