

**GRM451 Chitosamine hydrochloride**

**Product Number Packing**

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GRM451	: 100G
GRM451	: 25G
GRM451	: 500G

**Product Information**

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Product Code	: GRM451
Product Name	: Chitosamine hydrochloride
Synonym	: D-(+)-Glucosamine hydrochloride
Molecular Formula	: C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub> .HCl
Molecular Weight	: 215.63
CAS No.	: 66-84-2
EC No.	: 200-638-1
HS Code	: 2932 99 00
Shelf Life	: 4 years

**Technical Specification**

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Appearance	: White crystals or powder
Solubility	: 100 mg soluble in 1 mL of water
pH (2% in water at 25°C)	: 3.00 - 5.00
FTIR (KBr disc)	: Matches with the standard pattern
Specific rotation	: +70.0° to +74.0° (c = 1% in water, at 20°C)
Melting range	: 190 - 194°C
Loss on drying (at 105°C, 2hr)	: <= 1.0%
Assay (HPLC/AT/NT, on dry basis)	: 99.00 - 102.00%

**Risk and Safety Information**

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WGK	: 2
RTECS	: LZ6665000
Storage Temperature(°C)	: Store below 30°C

**Transport Information**

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Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods