

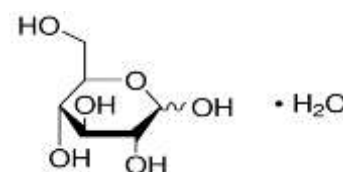


Product Specification

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DEXTROSE MONOHYDRATE AR/ACS

PRODUCT CODE	H12695
SYNONYMS	(D(+))Glucose monohydrate)
C.I. NO.	--
CASR NO.	(14431-43-7)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂ O ₆ .H ₂ O
ATOMIC OR MOLECULAR WEIGHT	198.17
PROPERTIES	White granular powder, odourless and sweet test



PARAMETER	LIMIT
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Description	White crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (GC, HPLC)	99.5%
Specific Rotation (α) _D ²⁰ (C=10 H ₂ O on dried sub.)	+52.5° to +53.0°
pH (10% aq. solution)	Min. 4.5

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Acidity	0.002 meq/g
Chloride (Cl)	0.0025%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.001%
Sulphate (SO ₄)	0.005%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Pracautionary statements

Prevention: -----

Response:

Disposal: : -----

IMDG Code :
UN No. :
IATA :
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Hazard pictogram(s) :--