

Product Datasheet

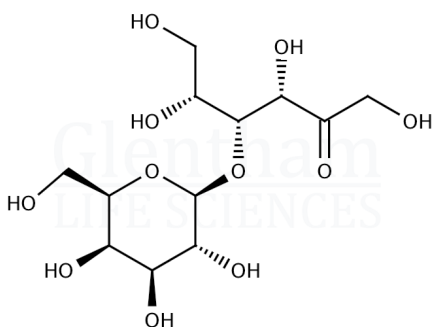
GC1952 - Lactulose, Ph. Eur. grade

Product Details

Product Name	Lactulose, Ph. Eur. grade
Glenthams Code	GC1952
CAS Number	4618-18-2
EINECS	225-027-7
Numéro MDL	MFCD00151469
PubChem SID	310275685
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals, Oligosaccharides

Structure

Molecular Weight	: 342.30
Molecular Formula	: C ₁₂ H ₂₂ O ₁₁



Physical Description	: White to almost white crystalline powder
Identification	: According to Ph. Eur.
Solubility	: Freely soluble in water, sparingly soluble in methanol, practically insoluble in toluene
Solubility (6% in water)	: Clear, colourless solution
pH	: 3.0 - 7.0 None
Specific Optical Rotation	: -50.0 - -46.0 °
Impurity C	: ≤ 2.0% (lactose)
Any Other Individual Impurity	: ≤ 0.5%
Total Impurities	: ≤ 3.0%
Methanol	: ≤ 50ppm
Boron (B)	: ≤ 9ppm
Water	: ≤ 2.5%
Sulphated Ash	: ≤ 0.1%
Total Aerobic Microbial Count	: ≤ 100CFU/g
E. Coli	: Absent
Assay (HPLC)	: 98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.1

About Lactulose, Ph. Eur. grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

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