

Product Datasheet

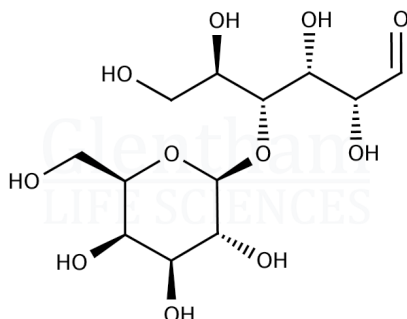
GC1111 - Lactose, anhydrous, Ph. Eur., USP grade

Product Details

Product Name	Lactose, anhydrous, Ph. Eur., USP grade
Glentham Code	GC1111
CAS Number	63-42-3
EINECS	200-559-2
Numéro MDL	MFCDD00151251
CAS supplémentaire	64044-51-5
CAS supplémentaire	10039-26-6
CAS supplémentaire	14641-93-1
CAS supplémentaire	5989-81-1
Related Categories	Carbohydrates, Raw Materials (IVD), Oligosaccharides

Structure

Molecular Weight : 342.30
Molecular Formula : $C_{12}H_{22}O_{11}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Residue on Ignition	: $\leq 0.1\%$
Total Aerobic Microbial Count	: $\leq 100\text{CFU/g}$
Total Combined Yeast and Mould Count	: $\leq 50\text{CFU/g}$
E. Coli	: Absent in 10g
Assay (GC)	: $\geq 99.5\%$ ($C_{12}H_{22}O_{11}$)
Loss on Drying	: $\leq 0.5\%$
Water	: $\leq 1.0\%$
Identification	: According to Ph. Eur., USP
Acidity or Alkalinity	: $\leq 0.4\text{ml}$ (of 0.1M NaOH)
Specific Optical Rotation	: +54.4 - +55.9 ° (anhydrous substance)
Absorbance	: ≤ 0.04 (400nm) : ≤ 0.07 (270 - 300 nm) : ≤ 0.25 (210 - 220 nm)
Heavy Metals	: $\leq 5\text{ppm}$
Pharmacopoeia Specification(s)	: Conforms to Ph. Eur., USP
Solubility (10% in water)	: Clear, colourless solution (boiling water)
Version	: v1.1

About Lactose, anhydrous, Ph. Eur., USP grade

No further details on record.

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