



Specification

Concerning Product:	
Article number	30190
Trade name / designation / denomination	Lactose
CAS number	63-42-3
Other names / synonyms	•(2R,3R,4S,5R,6S)-2-(hydroxymethyl)-6-[[[(2R,3S,4R,5R,6R)-4,5,6-trihydroxy-2-(hydroxymethyl)-3-oxanyloxy]oxy]oxane-3,4,5-triol; •lactose;
EC number	200-559-2
Customs tariff number / CN code / TARIC	17021100
Molecular weight [g / mol]	342,29
Formula	C ₁₂ H ₂₂ O ₁₁

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	10% in Water: clear and colourless	
Colour	white to off-white	
Physical parameter		
Form	powder	
Loss on drying	≤ 1,0	%
Identity		
Assay	≥ 99,0	%

Supplemental information:

Shelf life: ≥ 5 years

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 20 °C.

Regional origin: UK

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Mar. 2022

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