

D-Lactose monohydrate

Chemical formula: $C_{12}H_{22}O_{11} \cdot H_2O$

Molar mass: 360,32 g/mol

CAS: 64044-51-5

EINECS: 200-559-2

A.G. (20800)

Appearance	white powder
Assay	min. 99,0 %
Melting point	207 - 210 °C
Sulphated ash	max. 0,05 %
[α]D ₂₀ (c = 10 in water)	+54,4 až +55,9 (anhydrous substance)
Fe (Iron)	max. 0,001 %
Heavy metals (as Pb)	max. 0,001 %
pH of 0,5M solution, 25 °C	3,5 - 6,0

pure (20790)

Appearance	white powder
Assay	min. 99,0 %
Melting point	207 - 210 °C
[α]D ₂₀ (c = 10 in water)	+54,4 až +55,9 (anhydrous substance)