

neoFroxx GmbH

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Specification

Product	D(+)-Trehalose dihydrate low endotoxin for biochemistry
Brand	BioFroxx
Product number	1145 (revised)
Formula	$C_{12}H_{22}O_{11} \cdot 2H_2O$
Molecular weight	378.34 g/mol
CAS number	6138-23-4
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (HPLC)	min. 98 %
Appearance of solution	clear and colorless
Endotoxins	max. 2.5 EU/g (revised)
Loss on Drying	max. 2.0 % (revised)
pH (30 % in water)	4.5 - 6.5
Residue on ignition	max. 0.1 %
Microbial limits	max. 150 CFU/g
Heavy metals (as Pb)	max. 0.0005 %

Einhausen, 15.12.2021 (revised)