

neoFroxx GmbH

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Specification

Product	D(+)-Trehalose anhydrous for microbiology
Product number	2140
Synonyms	α -D-Glucopyranosyl- α -D-glucopyranoside; Mycose
Formula	$C_{12}H_{22}O_{11}$
Molecular weight	342.29 g/mol
CAS number	99-20-7
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Assay (HPLC)	$\geq 98 \%$
Specific rotation	+197° - +200°
Solubility (5 % in water)	clear, colorless
Heavy metals (Pb)	$\leq 0.001 \%$
Glucose (TLC)	$\leq 0.1 \%$
Water	$\leq 1 \%$
Suitability test (microbiology)	passes test

Einhausen, 10.12.2025