

neoFroxx GmbH

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Specification

Product	D(+)-Sucrose for biochemistry
Product number	1603
Synonyms	β -D-Fructofuranosyl- α -D-glucopyranoside, Saccharose
Formula	$C_{12}H_{22}O_{11}$
Molecular weight	342.30 g/mol
CAS number	57-50-1
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Assay (HPLC)	$\geq 99 \%$
Specific rotation	+66.3° to +67.0°
Heavy metals (Pb)	$\leq 0.001 \%$
Insoluble matter	passes test
Glucose (TLC)	$\leq 0.5 \%$
Water (K.F.)	$\leq 0.5 \%$
Sulfate (SO ₄)	$\leq 0.005 \%$
Absorbance (1 M in water)	
260 nm	≤ 0.15
280 nm	≤ 0.1

Einhausen, 15.01.2026