

neoFroxx GmbH

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Specification

Product	D(+)-Raffinose pentahydrate for biochemistry
Product number	1332
Synonyms	1,6- α -D-Raffinose pentahydrate
Formula	$C_{17}H_{32}O_{16} \cdot 5 H_2O$
Molecular weight	594.53 g/mol
CAS number	17629-30-0
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Appearance	white powder
Assay (HPLC)	$\geq 99 \%$
Purity (TLC)	one spot
Specific rotation	+103° - +107°
Water (K.F.)	14 - 16 %
Residue on ignition (Ash)	$\leq 0.1 \%$
Melting point	78 – 80°C
Heavy metals (Pb)	$\leq 0.001 \%$

Einhausen, 29.10.2024