

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	D(+)-Sucrose Compri Sucrose O pure EP (pharma grade)
Product number	LC-10072
Synonyms	Pure fluid bed agglomerated sugar (β -D-Fructofuranosyl- α -D-glucopyranoside, Saccharose) (revised)
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

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP).

Parameter	Specification
Appearance	white or almost white, or lustrous, colourless or white or almost white agglomerates (revised)
Solubility (EP)	very soluble in water, slightly soluble in ethanol (96 per cent), practically insoluble in anhydrous ethanol (revised)
Identity (EP)	passes test
Appearance of solution (EP)	clear solution
Conductivity (EP)	$\leq 35 \mu\text{S/cm}$
Specific rotation (EP)	$+66.3^\circ - +67.0^\circ$
Colour (EP)	≤ 45
Dextrins (EP)	passes test
Sulfite (EP)	$\leq 0.001 \%$
Reducing sugars (EP)	passes test
Loss on drying (105°C, 3 h) (EP)	$\leq 0.1 \%$
Particle size (0.1 - 0.63 mm)	$\geq 90 \%$
Bulk density	500 - 600 g/L
Mesophilic bacteria	$\leq 200 \text{ cfu/g}$
Yeasts	$\leq 10 \text{ cfu/g}$
Moulds	$\leq 10 \text{ cfu/g}$

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen

+49 6251 989 240

coa@neofroxx.com

www.neofroxx.com

Specification

Product

D(+)-Sucrose Compri Sucrose O pure EP (pharma grade)

Einhausen, 09.12.2025