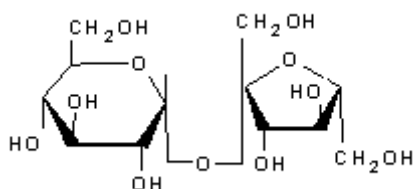
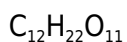
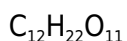




PRODUCT CODE: 631621

D(+)-Sucrose (USP-NF, BP, Ph. Eur.) low in endotoxins, GMP - IPEC grade



M.= 342,30

CAS [57-50-1]

EINECS 200-334-9

TARIC 1701 99 90 00

SYNONYMS: b-D-Fructofuranosyl-a-D-Glucopyranoside, Sucrose, Sugar

PHYSICAL DATA: Small crystals, White, Soluble in water 1.970 g/l at 15 °C M.P.: 186 °C • pH7 •

BIBLIOGRAPHY: Merck Index **12**, 9.051 13, 8.966 Sax **SNH000** • Safety **2** , **3192 D** • Beilstein **31** , **424 17** , **8 V** , **399** • BRN 90825 • ACS **XI** • BP.**2018** • USP **-NF 36** • Ph. Eur. **8.0** (2014) 5.5 , 4299 **9.0** (2017) 5.5 , 4299 6.3 • F.C.C **IV400** • DAB 10 •

HAZARDOUS: RTECS: WN 6500000 • LD50 oral rat 29.700 mg/kg • LD50 ipr mus 14.000 mg/kg VLA-ED 10 mg/m3

SPECIFICATIONS:

Identity :

Identity according to Pharmacopoeias:

Identity (A Ph. Eur / USP)

Identity (B Ph. Eur)

Identity (C Ph. Eur)

Specific rotation [α] 20/D c=26 in H2O

passes test

IR passes test

TLC passes test

passes test

+66,3 - + 67,0°

Maximum limit of impurities

Appearance of solution, Clear < formazin I	passes test
Loss on drying at 105°C	0,1 %
Sugars Reducing	passes test
Sulfite (SO ₂)	0,0010 %
Conductivity at 20°C	35 uScm-1
Colour value	45
Residual solvents (Ph.Eur/USP)	passes test
Dextrin	passes test
Microbial Limits	
Bacterial endotoxins	0,25 IU/mg
Total Aerobic Microbial Count (TAMC)	200 cfu/10g
Total Yeast Count (TYC)	10 cfu/10g
Total Mould Count (TMC)	10 cfu/10g

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	20 ppm

Class 2B

Tl	0,8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm