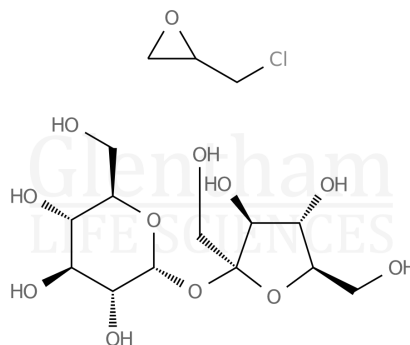


Certificate of Analysis

Product Name	Polysucrose 400
Glentham Code	GC7257
CAS Number	26873-85-8
EINECS	200-334-9
MDL Number	MFCD00081599
Batch Number	135STT
Molecular Weight	300,000 - 550,000
Molecular Formula	-
Storage Temp.	+20°C



Property	Specification	Batch 135STT
Physical Description	White to off-white powder	White powder
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (10% in water)	7.0 - 9.0	7.5
Specific Optical Rotation ($[\alpha]_{20/D}$)	+53 - +59 ° (c=1, water)	+58 °
Loss on Drying	≤ 5.0% (105°C)	0.9%
Chloride (Cl)	≤ 0.05%	Conforms
Sulphated Ash	≤ 0.3%	0.0%
Average Molecular Weight	350,000 - 550,000	400,169

Specification Version	v1.1
Manufacture Date	2021-04-05
Re-Test Date	2031-03-04

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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