

Product Specification

Product Name: E-4-NP-G7
Source:
Synonym: Ethylidene-4-nitrophenyl-alpha-D-maltoheptaoside

Item Nr.: 1104 MW: 1300.1 g/mol C50H77NO38
CAS Nr.: 96597-16-9 E.C.Nr.: EINECS:

Parameter	Method	Specification	Unit
Appearance	visual	slightly yellowish powder	
Solubility	7% H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	Enzymatic	>90	%
Reaction rates α -Amylase	In Precinorm® U	95-105	%
Reaction rates α -Amylase	In Precipath® U	95-105	%
Impurity	As pNP-G7, enzymatic	<0.1	%
Water	KF	<3.0	%
P-Nitrophenol, free		<0.01	%

Storage: Keep well closed at 2-8°C in a dark and dry place. Protect from moisture.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 01/04.02.2021