

Product Specification

Product Name: PEG 6000

Polyethylene Glycol

Item Nr.: 1088

MW: ~6000 g/mol

HO(C₂H₄O)_nH

CAS Nr.: 25322-68-3

E.C.Nr.:

EINECS: 500-038-2

Parameter	Method	Specification	Unit
Appearance	visual	solid, white, waxy flakes	
Solubility	25% in H ₂ O	freely soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	acc. to EP monogr. 1444	conforms	
Acidity or alkalinity	acc. to EP monogr. 1444	<0.1	ml 0.1M NaOH/5g
Viscosity	50% in H ₂ O	200 - 270	mPa s
Freezing Point		55 - 61	°C
Hydroxyl value	acc. to EP monogr. 1444	16 - 22	mg KOH/g
Reducing substances	acc. to EP monogr. 1444	conforms	
Formaldehyde	acc. to EP monogr. 1444	< 30	ppm
Ethylene oxide		<1.0	ppm
Dioxan		<10.0	ppm
Water	KF	<1.0	%
Sulfated ash		<0.2	%

Storage: Keep well closed below 30 °C in a dark and dry place in order to avoid sintering in storage.

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: 03/11.12.2024