

Specification

Polyethylene Glycol 4000 BioChemica

A1249

Physical Description:	Solid
Product Code:	A1249
Product Name:	Polyethylene Glycol 4000 <i>BioChemica</i>
Specifications:	<p>Average M: 3500 - 4500</p> <p>Hydroxyl-No.: 25 - 32</p> <p>pH (5 %; H₂O; 20°C): 4.0 - 7.0</p> <p>Melting range: 54 - 58°C</p> <p>Water: max. 1 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	HO(C ₂ H ₄ O) _n H
CAS:	25322-68-3
EINECS:	500-038-2
CS:	34042000
Comment	<p>Polyethylene glycol 4000 (PEG 4000) is used e. g. for the fusion of bacterial spheroplasts (1) or the fractionated precipitation of proteins (2). Both references supply protocols and the theoretical background for the application of PEG.</p>
Bibliography	<p>(1)Power, J.B. <i>et al.</i> (1986) <i>Methods Enzymol.</i> 118, 578-594Fusion and transformation of plant protoplasts. (2)Ingham, K.C. (1990) <i>Methods Enzymol.</i> 182, 301-306Precipitation of proteins with polyethylene glycol.</p>

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