

Specification

β-Glycerol Phosphate Disodium Salt 5-hydrate *BioChemica*

A2253

Physical Description:	Solid
Product Code:	A2253
Product Name:	β-Glycerol Phosphate Disodium Salt 5-hydrate <i>BioChemica</i>
Specifications:	Assay (total): min. 99 % Solubility (5 %; H ₂ O): clear, colorless Heavy metals: max. 0.002 % α-Glycerophosphate: max. 2 % Water: 26 - 33 % Chloride: max. 0.01 % Free phosphate: max. 0.01 % Sulfate: max. 0.01 % As: max. 0.0005 % Ca: max. 0.005 %
WGK:	1
Storage:	2-8°C
Molecular Formula:	C ₃ H ₇ Na ₂ O ₆ P · 5H ₂ O
M:	216.04 g/mol · 5H ₂ O
CAS:	819-83-0
EINECS:	212-464-3
CS:	29199000
Comment	<p>β-Glycerophosphate is a substrate for phosphatases (1). It is commonly added in a concentration ranging from 10 to 80 mM to lysis buffers, if phosphoproteins are isolated from cells (concentration 50 mM, pH 7.2 or 7.3).</p>
Bibliography	<p>(1)Heppel, L.A. (1955) <i>Methods Enzymol.</i> 2, 530-533Intestinal Phosphomonoesterases.</p>

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