

Specification

HEPPS for buffer solutions

A1071

Physical Description:	Solid
Product Code:	A1071
Product Name:	HEPPS for buffer solutions
Specifications:	Assay (titr.): min. 99 % Heavy metals (as Pb): max. 0.001 % Water: max. 1 % A (1 cm/0.1 M in H ₂ O) 260 nm: max. 0.05 280 nm: max. 0.05
WGK:	1
Storage:	RT
Molecular Formula:	C ₉ H ₂₀ N ₂ O ₄ S
M:	252.33 g/mol
CAS:	16052-06-5
EINECS:	240-198-8
CS:	29335995
Comment	<p>HEPPS has many properties similar to Hepes. Because of its high buffer range, it is suited for studies on phosphorylation reactions, especially if tricine (binds metal ions!) cannot be applied. HEPPS interferes with the Folin protein assay, but not with the Biuret assay.</p>
Bibliography	<p>(1)Good, N.E. & Izawa, S. (1972) <i>Methods Enzymol.</i> 24, 53-68Hydrogen ion buffers. (2)Ferguson, W.J. <i>et al.</i> (1980) <i>Anal. Biochem.</i> 104, 300-310Hydrogen ion buffers for biological research.</p>

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