

Specification

Bis-Tris-Propane for buffer solutions

A1135

Physical Description:	Solid
Product Code:	A1135
Product Name:	Bis-Tris-Propane for buffer solutions
Specifications:	<p>Assay (titr.): min. 98 %</p> <p>pH (1 %; H₂O): 10.4 - 11.2</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Water (K.F.): max. 1 %</p> <p>A (1 cm/0.1 M in H₂O)</p> <p>280 nm: max. 0.04</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₁₁ H ₂₆ N ₂ O ₆
M:	282.34 g/mol
CAS:	64431-96-5
EINECS:	264-899-3
CS:	29221900
Comment	<p>Bis-Tris-propane is used as a buffer for the following types of experiments\: purification of proteins, pK_a determinations and electron transfer measurements. The typical working concentrations are in the range of 5 - 50 mM.</p>
Bibliography	<p>(1)Kharrat, A. <i>et al.</i> (1995) <i>EMBO J.</i> 14, 3572-3584Structure of the dsRNA binding domain of <i>E. coli</i> RNase III. (2)Fisher, A.J. <i>et al.</i> (1995) <i>Biochemistry</i> 34, 8960-8972X-Ray crystal structure of the myosin motor domain of <i>Dictyostelium discoideum</i>. (3)Lau, B. & Macdonald, P.M. (1995) <i>Biochim. Biophys. Acta</i> 1237, 37-42Determination of the pK_a of membrane-bound N,N-Dimethylsphingosine. (4)Peracchi, A.. <i>et al.</i> (1995) <i>Biochemistry</i> 34, 9459-9465Monovalent cations influence the dynamix and functional properties of the tryptophan synthase α₂β₂-complex. (5)Baciou, L. & Michel, H. (1995) <i>Biochemistry</i> 34, 7967-7972Investigation of the reaction center of <i>Rhodobacter sphaeroides</i>.</p>

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