

Specification

TES for buffer solutions

A1084

Physical Description:	Solid
Product Code:	A1084
Product Name:	TES for buffer solutions
Specifications:	<p>Assay (titr.): min. 99 %</p> <p>pH (1 %; H₂O): 4.0 - 5.0</p> <p>Residue on ignition: max. 0.1 %</p> <p>Heavy metals (as Pb): max. 0.0001 %</p> <p>Melting point: approx. 225°C</p> <p>Solubility (0.1 M; H₂O): clear, colorless</p> <p>Water: max. 1 %</p> <p>A (1 cm/0.1 M in H₂O)</p> <p>260 nm: max. 0.05</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₆ H ₁₅ NO ₆ S
M:	229.25 g/mol
CAS:	7365-44-8
EINECS:	230-906-3
CS:	29221900
Comment	TES does not interfere with the Folin protein assay.
Bibliography	<p>(1)Good, N.E. <i>et al.</i> (1966) <i>Biochemistry</i> 5, 467-477Hydrogen ion buffers for biological research. (2)Good, N.E. & Izawa, S. (1972) <i>Methods Enzymol.</i> 24, 53-68Hydrogen ion buffers. (3)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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