

## Specification

### TES for buffer solutions

**A1084**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1084
<b>Product Name:</b>	TES for buffer solutions
<b>Specifications:</b>	<p>Assay (titr.): min. 99 %</p> <p>pH (1 %; H<sub>2</sub>O): 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; H<sub>2</sub>O): clear, colorless</p> <p>Water: max. 1 %</p> <p>A (1 cm/0.1 M in H<sub>2</sub>O)</p> <p>260 nm: max. 0.05</p>
<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>15</sub> NO <sub>6</sub> S
<b>M:</b>	229.25 g/mol
<b>CAS:</b>	7365-44-8
<b>EINECS:</b>	230-906-3
<b>CS:</b>	29221900
<b>Comment</b>	TES does not interfere with the Folin protein assay.
<b>Bibliography</b>	<p>(1)Good, N.E. <i>et al.</i> (1966) <i>Biochemistry</i> <b>5</b>, 467-477Hydrogen ion buffers for biological research. (2)Good, N.E. &amp; Izawa, S. (1972) <i>Methods Enzymol.</i> <b>24</b>, 53-68Hydrogen ion buffers. (3)Ferguson, W.J. <i>et al.</i> (1980) <i>Anal. Biochem.</i> <b>104</b>, 300-310Hydrogen ion buffers for biological research.</p>

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