

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

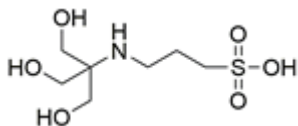
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	38778
<b>Product</b>	<b>TAPS</b> [2-Hydroxy-1,1-bis(hydroxymethyl)ethyl]amino-1-propanesulfonic N-tris(Hydroxymethyl)methyl-3-aminopropanesulfonic acid
<b>CAS Number</b>	29915-38-6
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>17</sub> NO <sub>6</sub> S
<b>Molecular Weight</b>	243.28

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear and complete solution (5% in Water)
<b>pH</b>	4.5 - 6.0
<b>pKa</b>	8.25 - 8.65 at 25 °C
<b>UV Ratios</b>	UV abs. at 0.1 M in Water A <sub>260 nm</sub> : ≤ 0.02 A <sub>280 nm</sub> : ≤ 0.01
<b>Loss on Drying</b>	≤ 1% (140 °C, 30 min.)
<b>Assay by titration</b>	≥ 99% (Dried basis)
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at RT

**For Laboratory Use Only**