

# 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

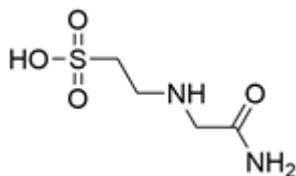
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	38754
<b>Product</b>	<b>ACES</b> N-(2-Acetamido)-2-aminoethanesulfonic acid N-(Carbamoylmethyl)-2-aminoethanesulfonic acid
<b>CAS Number</b>	7365-82-4
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	182.20

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and complete solution (0.1 M in Water)
<b>pKa</b>	6.60 - 7.00 at 25 °C
<b>UV Ratios</b>	UV Abs. at 0.1 M in Water A <sub>260 nm</sub> : ≤ 0.05 A <sub>280 nm</sub> : ≤ 0.05
<b>Loss on Drying</b>	≤ 1% (140 °C, 30 mins.)
<b>Assay by titration</b>	≥ 99%
<b>Grade</b>	Suitable for cell culture
<b>Storage</b>	Store at RT

**For Laboratory Use Only**