



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	BIO-002
<b>Lot Number</b>	N5400456
<b>Product</b>	<b><i>N</i>-(2-Acetamido)-2-aminoethanesulfonic acid</b> Aces buffer  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>	182.2
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear and complete (0.1 M in H <sub>2</sub> O)
<b>Water Content (Karl Fisher)</b>	0.31%
<b>pKa</b>	6.74 (25°C)
<b>UV Ratios</b>	0.1 M in H <sub>2</sub> O A <sub>260nm</sub> = 0.0184 A <sub>280nm</sub> = 0.0143
<b>Assay by titration</b>	99.76%
<b>Storage</b>	Store at RT

Prepared by:

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Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:

Sujata Moton

Sujata Moton  
VP