

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00459
<b>Lot Number</b>	001135-0350312
<b>Product</b>	<b>N-tris(Hydroxymethyl)methylglycine</b>  N-[2-Hydroxy-1,1-bis(hydroxymethyl)ethyl]glycine  Tricine
<b>CAS Number</b>	5704-04-1
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	179.2

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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>pH</b>	4.9 (1% in H <sub>2</sub> O)
<b>pKa</b>	8.1 @ 25 °C
<b>UV Ratios</b>	(0.1M in H <sub>2</sub> O) A260: 0.0067 (0.1M in H <sub>2</sub> O) A280: 0.0042
<b>Loss on Drying</b>	0.4%
<b>Assay by titration</b>	100.1% (anhydrous basis)
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager