

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	38780
<b>Lot Number</b>	001135-1481003
<b>Product</b>	<b>Tricine</b> N-[2-Hydroxy-1,1-bis(hydroxymethyl)ethyl]glycine
<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>	179.20

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear and complete solution (10% in Water)
<b>pH</b>	5.3
<b>pKa</b>	8.1 at 25 °C
<b>UV Ratios</b>	UV abs. at 0.1 M in Water : A <sub>260</sub> nm : 0.0 A <sub>280</sub> nm : 0.0
<b>Loss on Drying</b>	0.1% (140 °C, 30 min.)
<b>Assay by titration</b>	100.1% (Dried basis)
<b>Grade</b>	suitable for cell culture
<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