

# Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	28159
<b>Lot Number</b>	002663-161028
<b>Product</b>	<b>2,2-Bis(hydroxymethyl)butyric acid</b>

<b>CAS Number</b>	10097-02-6
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<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>4</sub>
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<b>Molecular Weight</b>	148.16
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<b>Appearance</b>	White crystal or powder
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<b>Melting Point</b>	113 °C
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<b>Anion</b>	Sulfate (SO <sub>4</sub> <sup>2-</sup> ): 20 ppm
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<b>Cation</b>	Iron (Fe): < 5 ppm Potassium (K): 5 ppm Sodium (Na): 38 ppm
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<b>Water Content (Karl Fisher)</b>	0.16%
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<b>Acid value</b>	378
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<b>Ash</b>	0.02%
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<b>Purity by HPLC</b>	99.2%
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<b>Storage</b>	Store at 0-8 °C
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<b>Additional Information</b>	Hydroxyl value: 766 KOH/g
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<b>Remarks</b>	See material safety data sheet for additional information
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For laboratory use only

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



**Bala Kumar**  
Quality Control Manager