

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	00820
<b>Lot Number</b>	000331-33275
<b>Product</b>	<b>Trichloroacetic acid</b>

<b>CAS Number</b>	76-03-9
<b>Molecular Formula</b>	C <sub>2</sub> HCl <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	163.39

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<b>Appearance</b>	White crystalline powder
<b>Clarity &amp; Color</b>	Passes test
<b>Solubility</b>	Very soluble
<b>Melting Point</b>	55.5 °C
<b>Boiling point</b>	197-198 °C
<b>Heavy Metals</b>	0.0014% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.0009% Nitrate (NO <sub>3</sub> <sup>-</sup> ): 0.0006% Phosphate (PO <sub>4</sub> <sup>3-</sup> ): 2 ppm Sulfate (SO <sub>4</sub> <sup>2-</sup> ): 0.014%
<b>Cation</b>	Iron (Fe): 0.0005%
<b>pKa</b>	0.7
<b>Insoluble material</b>	< 0.01%
<b>Assay by titration</b>	99.2%
<b>Grade</b>	ACS reagent
<b>Application</b>	It is used in detection of albumin.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Substances darkened by sulfuric acid: Passes test Residue after ignition: 0.025%

## ***Certificate of Analysis***

**Catalog Number: 00820**

**Lot Number: 000331-33275**

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**Remarks**

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**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**