

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	00328
<b>Lot Number</b>	000331-35245
<b>Product</b>	<b>Ammonium oxalate monohydrate</b>

Oxalic acid diammonium salt monohydrate

<b>CAS Number</b>	6009-70-7
<b>Molecular Formula</b>	$C_2H_8N_2O_4 \cdot H_2O$
<b>Molecular Weight</b>	142.11

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	5 g in 100 mL water at 20 °C
<b>Melting Point</b>	128 °C (dec.) (Approx.)
<b>Heavy Metals</b>	3 ppm (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.002% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.002%
<b>Cation</b>	Iron (Fe): 1 ppm
<b>Insoluble material</b>	< 0.001%
<b>Assay by titration</b>	99.2%
<b>Grade</b>	ACS reagent
<b>Application</b>	Determination of calcium, lead, and rare earth metals.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Residue after ignition: 0.005%

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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**