

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	22886
<b>Lot Number</b>	000331-34943
<b>Product</b>	<b>Murexide</b> 5,5'-Nitrilodibarbituric acid monoammonium salt  Ammonium purpurate
<b>CAS Number</b>	3051-09-0
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>8</sub> N <sub>6</sub> O <sub>6</sub>
<b>Molecular Weight</b>	284.19

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<b>Appearance</b>	Reddish purple powder
<b>Solubility</b>	Sparingly soluble in cold water; moreso in hot water.
<b>Sensitivity</b>	Passes test
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	0.227/cm @ 523nm (0.18 nmol/l, H <sub>2</sub> O)
<b>Loss on Drying</b>	1.10%
<b>Sulfated Ash</b>	0.21%
<b>Purity by UV</b>	98.1%
<b>Grade</b>	ACS
<b>Application</b>	It is used as an indicator.
<b>Storage</b>	Store at RT
<b>Suitability</b>	Passes test as a complexometric indicator.

## ***Certificate of Analysis***

**Catalog Number: 22886**

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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**