

# Chem-Impex International, Inc.

---

**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

---

## Certificate of Analysis

<b>Catalogue Number</b>	96121
<b>Lot Number</b>	002389-20180502
<b>Product</b>	<b>Furazolidone</b>
	3-(5-Nitrofurfurylideneamino)-2-oxazolidinone
<b>CAS Number</b>	67-45-8
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>7</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight</b>	225.16

---

<b>Appearance</b>	Yellow crystalline powder
<b>Solubility</b>	Add about 50 mg to 10 ml of a freshly prepared mixture of dimethylformamide and alcoholic potassium hydroxide TS (9:1): the solution becomes purple, immediately changes to deep blue and upon standing for 10 minutes, again turns purple
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.26%
<b>Residual Solvents</b>	Meets the requirements
<b>Residue On Ignition</b>	0.07%
<b>Assay</b>	99.31%
<b>Grade</b>	USP
<b>Storage</b>	Store at 2-8 °C
<b>Additional Information</b>	Identification B: Ultraviolet absorption Solution: 10 ug per ml
<b>Country of Origin</b>	China

# *Certificate of Analysis*

Catalog Number: 96121

Lot Number: 002389-20180502

---

**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**



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