

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	96121
<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

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<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>	≤ 1.0%
<b>Residual Solvents</b>	Meets the requirements
<b>Residue On Ignition</b>	≤ 0.25%
<b>Assay</b>	97 - 103%
<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

**For Laboratory Use Only**