

# 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>	42789
<b>Lot Number</b>	002757-002-2023
<b>Product</b>	<b>3-Cyanoumbelliferone</b> 3-Cyano-7-hydroxycoumarin
<b>CAS Number</b>	19088-73-4
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>5</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	187.15

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<b>Appearance</b>	Light orange to yellow to green crystalline powder
<b>Solubility</b>	Freely soluble in DMF
<b>Melting Point</b>	275 - 276 °C
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.83%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.36%
<b>Storage</b>	Store at RT
<b>Remarks</b>	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