

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	02029
<b>Lot Number</b>	000424-190718-10301
<b>Product</b>	<b>7-Amino-4-methylcoumarin</b> AMC
<b>CAS Number</b>	26093-31-2
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	175.19

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<b>Appearance</b>	Slight yellow powder
<b>Solubility</b>	Clear solution (0.3 g in 3 mL DMF)
<b>Melting Point</b>	228.0 - 228.7 °C
<b>Water Content (Karl Fisher)</b>	0.135%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.200% (80 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.78%
<b>Storage</b>	Store at 0 - 8 °C

  

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager