

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22063
<b>Lot Number</b>	20100225
<b>Product</b>	<b>2-Methylindole-3-carboxaldehyde</b>  2-Methyl-1 <i>H</i> -indole-3-carbaldehyde  2-Methyl-3-formylindole
<b>CAS Number</b>	5416-80-8
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>9</sub> NO
<b>Molecular Weight</b>	159.19
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<b>Appearance</b>	Yellowish crystal
<b>Melting Point</b>	202.2-202.8 °C
<b>Water Content (Karl Fisher)</b>	0.38%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	Largest Single Unspecified Impurit:< 0.5%, Total Impurity = 0.6%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.40%,
<b>Storage</b>	Store at 0-8 °C
<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