

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	42602
<b>Product</b>	<b>1-Methylbenzimidazole</b>
<b>CAS Number</b>	1632-83-3
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>8</sub> N <sub>2</sub>
<b>Molecular Weight</b>	132.17

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<b>Warnings</b>	<i>Air Sensitive, Heat Sensitive! Store under inert gas!</i>
<b>Appearance</b>	White to light yellow crystalline powder
<b>Solubility</b>	Soluble in methanol
<b>Melting Point</b>	58 - 64 °C
<b>Boiling point</b>	154 °C/12 mmHg
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	$\lambda_{\max} = 277(\text{H}_2\text{O}) \text{ nm}$

**For Laboratory Use Only**