

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 21544  
**Lot Number** 20091115  
**Product** **5-Bromoindole-3-carboxaldehyde**

5-Bromo-1*H*-indole-3-carbaldehyde

5-Bromo-3-formylindole

**CAS Number** 877-03-2  
**Molecular Formula** C<sub>9</sub>H<sub>6</sub>BrNO  
**Molecular Weight** 224.06

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**Appearance** Yellow crystalline powder  
**Melting Point** 201-203 °C  
**Infrared Spectrum** Conforms to structure  
**Loss on Drying** 0.23%  
**Related Substances** Largest Single Unspecified Impurity = 0.36%, Total Impurity = 0.91%  
**Residue On Ignition** 0.38%  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 99.09%  
**Storage** Store at 0-8 °C  
**Remarks** 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**