

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 21621  
**Lot Number** 0000000717  
**Product** **9H-Pyrido[3,4-b]indole**

2,9-Diazafluorene

**CAS Number** 244-63-3  
**Molecular Formula** C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>

**Molecular Weight** 168.2

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**Appearance** Off-white powder  
**Solubility** Almost colorless (5% in methanol)  
**Turbidity** Clear  
**Melting Point** 201 °C  
**Water Content (Karl Fisher)** 0.1%  
**TLC System** 1-Propanol/Acetic acid/Water (4:1:1); UV 254 nm  
**Infrared Spectrum** Conforms to structure  
**Assay by titration** 100.3%  
**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