

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	20884
<b>Lot Number</b>	20100821
<b>Product</b>	<b>1,3-Diacetyldindole</b>

1-(1-Acetyl-1*H*-indol-3-yl)-1-ethanone

1,3-Diacetyl-1*H*-indole

<b>CAS Number</b>	17537-64-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	201.22

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<b>Appearance</b>	Yellowish crystal
<b>Melting Point</b>	145-146 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.07%
<b>Related Substances</b>	Largest Single Impurity: < 0.5%, Total Impurity = 1.77%
<b>Residue On Ignition</b>	0.15%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.23%
<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**