



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number	025638
Product	<i>N</i> -Acetyl-5-methoxytryptamine
Lot Number	20101101 Melatonin  3-( <i>N</i> -Acetyl-2-aminoethyl)-5-methoxyindole
CAS Number	73-31-4
Molecular Formula	C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	232.28

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Appearance	White to off-white crystalline powder
Solubility	Clear solution (1% in Ethanol and Chloroform)
Melting Point	118-119 °C
Heavy Metals	< 10 ppm
Loss on Drying	0.19%
Residue On Ignition	0.07%
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	99.43%
Storage	Store at RT

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