

# Chem-Impex International, Inc.

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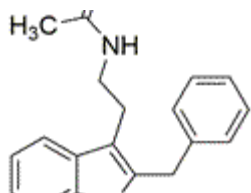
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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| <b>Catalogue Number</b>  | 09552                                            |
| <b>Product</b>           | <b>N-Acetyl-2-benzyl-tryptamine</b><br>Luzindole |
| <b>CAS Number</b>        | 117946-91-5                                      |
| <b>Molecular Formula</b> | C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O |
| <b>Molecular Weight</b>  | 292.38                                           |

|                                    |                                                                                                                                                                                                                          |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                  | Beige powder                                                                                                                                                                                                             |
| <b>Solubility</b>                  | Clear, colorless or slightly brown solution (50 mg/mL methanol)                                                                                                                                                          |
| <b>Melting Point</b>               | 105 - 107 °C                                                                                                                                                                                                             |
| <b>Elemental Analysis (Theory)</b> | C = 78.1 ± 0.5%, H = 6.9 ± 0.5%, N = 9.6 ± 0.5%                                                                                                                                                                          |
| <b>Water Content (Karl Fisher)</b> | ≤ 0.1%                                                                                                                                                                                                                   |
| <b>TLC System</b>                  | Toluene/Dioxane/Acetic acid (95:25:4)<br>Chloroform/Methanol/Acetic acid (85:10:5)<br>Chloroform/Methanol/Toluene/H <sub>2</sub> O (8:8:8:1)<br>Plate : Silicagel 60 F <sub>254</sub><br>Detected by: UV, ninhydrin, TMB |
| <b>Assay</b>                       | ≥ 99%                                                                                                                                                                                                                    |
| <b>Purity by TLC</b>               | ≥ 98%                                                                                                                                                                                                                    |
| <b>Storage</b>                     | Store at 0 - 8 °C                                                                                                                                                                                                        |

**For Laboratory Use Only**