

# Analytical Data Sheet

Lot number

**1018702**

not for drug use

<b>Catalog Number</b>	C-3705.0025
<b>Product number</b>	4015635.0025
<b>Product</b>	Z- Dab- OH
<b>Molecular formula</b>	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>
<b>Relative molecular mass</b>	252.27

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in acetic acid 80 %)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	188.8 °C
<b>Specific optical rotation</b>	[α] <sub>D</sub> <sup>24</sup> = - 9.1 ° (1 % in acetic acid 80 %) [α] <sub>365</sub> <sup>24</sup> = - 30.2 ° (1 % in acetic acid 80 %)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/5/1/3 plate: silicael 60 F <sub>254</sub> detected by: UV, ninhydrine, chlorine-tolidine
<b>Assay (elemental analysis)</b>	100.3% (Nth 11.10 %, Nfd 11.13 %)
Latest update: October 24, 2008	

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