

## Analytical Data Sheet

Lot number **1000031306**  
not for drug use

Catalog number **C-3500.0005**  
Product number **4015633.0005**  
Product **Z- 2- Nal- OH**  
Molecular formula  $C_{21}H_{19}NO_4$   
Relative molecular mass 349.39

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 72.19 %</td><td>C = 72.28 %</td></tr><tr><td>H = 5.48 %</td><td>H = 5.45 %</td></tr><tr><td>N = 4.01 %</td><td>N = 4.09 %</td></tr></tbody></table>	Theory	Found	C = 72.19 %	C = 72.28 %	H = 5.48 %	H = 5.45 %	N = 4.01 %	N = 4.09 %
Theory	Found								
C = 72.19 %	C = 72.28 %								
H = 5.48 %	H = 5.45 %								
N = 4.01 %	N = 4.09 %								
Identification (TLC)	complies with authentic material								
Melting point	110 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB								

Latest update: April 14, 2020

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