

Analytical Data Sheet

Lot number **1073946**
not for drug use

Catalog number **F-1845.0005**
Product number **4006362.0005**
Product **H- D- 1- NaI- OH**
Molecular formula $C_{13}H_{13}NO_2$
Relative molecular mass 215.25

Tests	Results
Appearance	grayish product
Appearance of solution	clear, colorless solution (25 mg/ml in acetic acid 80 %)
Identification (elemental analysis)	Theory Found C = 72.54 % C = 72.63 % H = 6.09 % H = 5.98 % N = 6.51 % N = 6.46 %
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +12.4^\circ$ (1 % in 1N HCl)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 6/5/1/3 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine

Latest update: November 08, 2017

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