

Analytical Data Sheet

Lot number **1000026449**
not for drug use

Catalog number **P-1105.0005**
Product number **4010421.0005**
Product **2- Hydroxyethyloctylsulfoxide**
Molecular formula $C_{10}H_{22}O_2S$
Relative molecular mass 206.35

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (IR)	conforms with authentic material
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol 9/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Cth 58.21 %, Cfd 57.88 %)
Water content (KF volumetric)	< 0.1%

Latest update: December 20, 2019

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