

Certificate of analysis



Psilocybin

3-[2-(dimethylamino)ethyl]-1H-indol-4-ol, 4-(dihydrogen phosphate)

Item number:14041
Batch number...:0463735
Purity Specification: 98%

Molecular Formula .: C₁₂H₁₇N₂O₄P
CAS Number: 520-52-5

Formula Weight : 284.30
Expiry date: 12/8/2016

Tests	Specifications	Results
IR	Conforms with standard	Conforms
Mass	Source Type.....: OTHER M-H+	Expected 283.1 Actual 283.1
Melting Point	222 - 229 °C	225 - 226 °C
TLC	Mob. Phase.....: MeOH:H ₂ O:NH ₄ OH (90:10:3) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.24 Purity %: 100.00
UV	max: 290, 268, 222 nm	max: 290, 268, 222 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry