

# Certificate of analysis



## JWH 250 N-(4-hydroxypentyl) metabolite

1-(1-(4-hydroxypentyl)-1H-indol-3-yl)-2-(2-methoxyphenyl)ethanone

Item number ....:10939  
Batch number :0445865  
Purity Specification.....: 98%

Molecular Formula: C22H25NO3  
CAS Number .....: 1427521-38-7

Formula Weight: 351.40  
Expiry date .....: 8/18/2015

Tests	Specifications	Results
HPLC	Column .....: C18, 5 $\mu$ , 4.6 X 250 mm Mob. Phase.....: Methanol:Water:Acetic acid (70:30:0.1) Flow Rate.....: 1.00 ml/min Detector UV .....: 212 nm	Retention Time Actual.: 6.70 min Purity .....: 98.7 %
IR	Conforms with standard	Conforms
Mass	Source Type .....: APCI MH+	Expected 352.3 Actual 352.2
TLC	Mob. Phase.....: Dichloromethane:Methanol (95:5) Stationary Phase: Silica Gel Visualized With ..: UV	Rf .....: 0.46 Purity % .....: 100.00
UV	max .....: 212, 246, 304 nm	max .....: 213, 245, 304 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry