Certificate of analysis

JWH 081 2-methoxynaphthyl isomer

(2-methoxy-1-naphthalenyl)(1-pentyl-1H-indol-3-yl)-methanone

Item number...:9001044 **Molecular Formula: C25H25NO2** **Formula Weight: 371.50**
Batch number :0431076 **CAS Number .....: 824960-76-1** **Expiry date .....: 10/1/2016**
Purity Specification.....:>98%

Tests	Specifications		Results
HPLC	**Column .....: C18, 5µ, 4.6 X 250 mm** **Mob. Phase.....: Methanol:Water:Acetic acid (80:20:0.1)** **Flow Rate.....: 1.00 ml/min** **Detector UV .....: 227 nm**		**Retention Time Actual.: 9.00 min** **Purity .....: 100.0 %**
IR	**Conforms with standard**		**Conforms**
Mass	**Source Type .....: OTHER**	**Expected**	**Actual**
	MH+	**372.4**	**372.4**
TLC	**Mob. Phase.....: Hexane:Ethyl Acetate:Acetic Acid (70:30:1)** **Stationary Phase: Silica Gel** **Visualized With ..: UV**		**Rf.....: 0.43** **Purity % .....: 100.00**
UV	**λ max .....: 227, 314 nm**		**λ max .....: 227, 314 nm**

Analyzed by: Stacey Parrish **Approved by: Libby Perry**

Stacey Parrish

Libby Perry

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