

Certificate of analysis



Methoxphenidine (hydrochloride)

1-(1-(2-methoxyphenyl)-2-phenylethyl)piperidine, monohydrochloride

Item number:15519
Batch number :0459181
Purity Specification.....:>98%

Molecular Formula: C₂₀H₂₅NO • HCl
CAS Number

Formula Weight: 331.90
Expiry date: 6/26/2016

Tests	Specifications	Results
HPLC	Column: C18, 5 μ , 4.6 X 250 mm Mob. Phase.....: Methanol:10mM Ammonium Acetate (80:20) Flow Rate.....: 1.00 ml/min Detector UV: 210 nm	Retention Time Actual.: 9.60 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type: ESI M-HCl	Expected 296.2 Actual 296.2
Melting Point	124 - 131 °C	127 - 128 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol (90:10) Stationary Phase: Silica Gel Visualized With ..: UV	Rf.....: 0.45 Purity %: 100.00
UV	λ max: 278 nm	λ max: 278 nm

Analyzed by: Jessie Schrot

Approved by: Libby Perry