

Analytical Data Sheet

Lot number **1074050**
not for drug use

Catalog number **Q-1440.0025**
Product number **4039613.0025**
Product **Xylazine · HCl**
Molecular formula **C₁₂H₁₆N₂S · HCl**
Relative molecular mass **256.80**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Purity (HPLC)	100.0% (NaClO ₄)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 90/10/0.5/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Chloride content (titration)	100.1% (Cl ⁻ th: 13.81%)

Latest update: October 31, 2017

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