

Analytical Data Sheet

Lot number **1075402**
not for drug use

Catalog number **Q-1330.0001**
Product number **4011849.0001**
Product **3- Methoxytyramine · HCl**
Molecular formula **C₉H₁₃NO₂ · HCl**
Relative molecular mass **203.67**

Tests	Results
Appearance	beige powder
Appearance of solution	clear, yellowish solution (50 mg/ml in H ₂ O)
Identification (TLC)	complies with authentic material
Melting point	216 °C
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.5% hydrazine hydrate
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB, FeCl ₃
Assay (elemental analysis)	99.7% (Cth 53.08%, Cfd 53.00%)
Water content (KF volumetric)	0.2%
Chloride content (titration)	102.2% of theoretical

Latest update: February 01, 2018

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