

Analytical Data Sheet

Lot number **1053010**
not for drug use

Catalog number **Q-1885.0250**
Product number **4026095.0250**
Product **N- Acetyl- 2- benzyl- tryptamine**
Molecular formula **C₁₉H₂₀N₂O**
Relative molecular mass **292.38**

Tests	Results
Appearance	beige powder
Appearance of solution	clear, slightly brown solution (50 mg/ml in methanol)
Identification (ESI-MS)	m = 292.4u (average mass)
Identification (elemental analysis)	Theory Found C = 78.1 % C = 77.9 % H = 6.9 % H = 7.3 % N = 9.6 % N = 9.5 %
Melting point	107 °C
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 85/10/5 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.9% (Cth 78.05 %, Cfd 77.93 %)
Water content (KF volumetric)	< 0.1%