

Analytical Data Sheet

Lot number **1062255**
not for drug use

Catalog number **I-1175.0100**
Product number **4003647.0100**
Product **H- Gln- AMC hydrobromide salt**
Molecular formula **C₁₅H₁₇N₃O₄**
Relative molecular mass **303.32**

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (50 mg/mL in DMF)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
Related impurities (TLC)	< 0.1% AMC (7-amino-4-methylcoumarin)
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 methanol/chloroform/ammonia 17% 2/2/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	63.0% (Nth 13.85%, Nfd 8.72%)
Water content (KF volumetric)	4.3%
Acetic acid content (HPLC)	0.3%
Bromide content (titration)	32.4%

Latest update: November 06, 2015

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