

## Analytical Data Sheet

Lot number **1062212**  
not for drug use

Catalog number I-1175.0250  
Product number 4003647.0250  
Product **H- Gln- AMC hydrobromide salt**  
Molecular formula  $C_{15}H_{17}N_3O_4$   
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 <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> 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

Analytical Data Sheet  
Lot number **1062212**