

## Analytical Data Sheet

Lot number **1066458**  
not for drug use

Catalog number **I-1775.0250**  
Product number **4017738.0250**  
Product **H- Asp- AMC**  
Molecular formula **C<sub>14</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub>**  
Relative molecular mass **290.28**

Tests	Results
Appearance	pale beige powder
Appearance of solution	clear, colorless solution (10 mg/ml in AcOH 50 %)
Identification (elemental analysis)	Theory Found C = 57.93 % C = 58.01 % H = 4.86 % H = 5.02 % N = 9.65 % N = 9.43 %
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 98%
Related impurities (TLC)	< 0.1% AMC
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.9% (Cth 57.93 %, Cfd 58.01 %)

Latest update: June 24, 2016

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