

## Analytical Data Sheet

Lot number **1000030050**  
not for drug use

Catalog number **G-1470.0250**  
Product number **4001631.0250**  
Product **H- Arg- Asp- OH**  
Molecular formula  $C_{10}H_{19}N_5O_5$   
Relative molecular mass 289.29

Tests	Results
Appearance	White powder
Appearance of solution	Clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (TLC)	Complies with authentic material n-Butanol/acetic acid/H <sub>2</sub> O 4/2/2 Isopropanol/ammonia conc. 1/1 Pate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine tolidine
Specific optical rotation	$[\alpha]_D^{24} = + 25.0^\circ$ (1 % in H <sub>2</sub> O)
Assay (titration)	90% (HClO <sub>4</sub> )
Water content (KF volumetric)	12.0%

Latest update: March 16, 2020

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