

## Analytical Data Sheet

Lot number **1000014332**  
not for drug use

Catalog number **G-3090.0001**  
Product number **4011428.0001**  
Product **Pyr- Ala- OH**  
Molecular formula  $C_8H_{12}N_2O_4$   
Relative molecular mass 200.19

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol/chloroform 1/1)
Identification (TLC)	complies with authentic material
Melting point	202 °C
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (titration)	98.9% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: April 02, 2019

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