

Analytical Data Sheet

Lot number **1000023323**
not for drug use

Catalog number **L-1370.0001**
Product number **4031163.0001**
Product **H- Pro- pNA**
Molecular formula $C_{11}H_{13}N_3O_3$
Relative molecular mass 235.24

Tests	Results
Appearance	slightly yellow powder
Appearance of solution	clear, yellowish solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% pNA
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.0% (Nth 17.86%, Nfd 17.69%)
Assay (titration)	99.8% (HClO ₄)
Water content (KF volumetric)	0.1%

Latest update: October 16, 2019

Analytical Data Sheet
Lot number **1000023323**