

Analytical Data Sheet

Lot number

1011188

not for drug use

Catalog Number	F-3485.0005
Product number	4027072.0005
Product	4- Amino- 1- methyl- 1H- pyrrole- 2- carboxylic acid- methyl ester · HCl
Molecular formula	C ₇ H ₁₀ N ₂ O ₂ · HCl
Relative molecular mass	190.63

Tests	Results
Appearance	brownish powder
Appearance of solution	clear, red-brownish solution (50 mg/ml in MeOH)
Identification (TLC)	conforms with authentic material
Melting point	251.7 °C
Purity (TLC)	≥ 98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 85/10/5 chloroform/ethylacetate 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.8% (Nth 14.70 %, Nfd 14.67 %)
Chloride content (titration)	18.2% (AgNO ₃)
General comment	Product is sensitive to air
Latest update: October 24, 2008	