

# Analytical Data Sheet

Lot number

**1011187**

not for drug use

<b>Catalog Number</b>	F-3485.0001
<b>Product number</b>	4027072.0001
<b>Product</b>	4- Amino- 1- methyl- 1H- pyrrole- 2- carboxylic acid- methyl ester · HCl
<b>Molecular formula</b>	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub> · HCl
<b>Relative molecular mass</b>	190.63

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