

Analytical Data Sheet

Lot number	1000036909 not for drug use
Product	H-p-Amino-Phe-OH · HCl
Product number	4001637.0005
Molecular formula	C ₉ H ₁₂ N ₂ O ₂ · HCl
Relative molecular mass	216.67

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/mL in acetic acid 80%)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_{365}^{24} = + 20.6^{\circ}$ (1% in 1M HCl)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/ H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/ H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	95.5% (Nth 12.93%, Nfd 12.35%)
Water content (KF volumetric)	4.2%
Chloride content (titration)	15.8%

Latest update: August 19, 2020

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