



CERTIFICATE OF ANALYSIS

Product	L-ornithine monohydrochloride
Grade	Reagent
Product Code	OB7771
Formula	C ₅ H ₁₃ ClN ₂ O ₂
MW	168.6
CAS#	3184-13-2
Lot	

Test Items	Specifications	Results
Appearance	White crystalline powder	
Assay	99.0%-101.0%	
Transmittance	≥98.0%	
pH	5.0-6.0 (10%) H ₂ O	
Specific rotation (°) [α] D ²⁰	(+23.5)±1.0 (5.5g/100ml,6N HCl)	
Loss on drying	<0.6%	
Residue on ignition	<0.10%	
Heavy metals	<10ppm	
As	<1ppm	
Cl ⁻	20.6%-21.3%	
SO ₄ ²⁻	<200ppm	
NH ₄ ⁺	<200ppm	
Fe ³⁺	<30ppm	

Storage: Store at room temperature.