

Certificate of Analysis

Product Name	L-Lysine monohydrochloride		
Cat.No.	A7009L	Storage Conditions	Room Temperature
Lot.No.	220331E076	Expiration Date	30-03-2027
Molecular Formula	C ₆ H ₁₄ N ₂ O ₂ • HCl	Molecular Weight	182.65
CAS Number	657-27-2	Excitation Emission	N/A
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Fine white crystalline powder	Pass	
Weight/volume	500-510g	Pass	
Chloride	19.0 - 19.6 %	Pass	
Heavy Metals	≤ 0.0015 %	Pass	
Identification	PASS / Fail	Pass	
Iron	≤ 0.003 %	Pass	
Loss on Drying	≤ 0.4 %	Pass	
Purity	98.5 - 101.5 %	Pass	
Related Compounds: Individual Impurity	≤ 0.5 %	Pass	
Related Compounds: Total Impurities	≤ 2.0 %	Pass	
Residue after Ignition	≤ 0.1 %	Pass	
Specific Rotation	+20.4 - +21.4 degrees	Pass	
Sulfate	≤ 0.03 %	Pass	



Appendix This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	07-07-2022
QC	<i>Lin Hua Yu</i> 07-07-2022	QA	<i>Jin Chun Qian</i> 07-07-2022

