

## Certificate of Analysis

<b>Product Name</b>	L-Lysine	<b>Batch No.</b>	M23M04100
<b>CAS No.</b>	56-87-1	<b>MFG. Date</b>	Apr 10, 2023
<b>CAT No.</b>	R051400	<b>Retest Date</b>	Apr, 2025
<b>Items</b>	<b>Specification</b>	<b>Results</b>	
<b>Appearance</b>	White or pall yellow powder	Conforms	
<b>Specific optical rotation</b>	+25.0° ~+27°	25.8°	
<b>Assay</b>	≥98.0%	99.2%	
<b>Loss on drying</b>	≤5.0%	3.4%	
<b>Heavy metals(Pb)</b>	≤10ppm	<10ppm	
<b>Residue on ignition</b>	≤0.5%	0.1%	
<b>Iron</b>	≤10ppm	<10ppm	
<b>Chloride</b>	≤0.03%	<0.03%	
<b>Arsenic</b>	≤1ppm	<1ppm	
<b>Ammonium(asNH<sub>4</sub>)</b>	≤0.02%	<0.02%	
<b>Conclusion</b>	Corresponds.		
<b>Storage Condition</b>	Keep container tightly closed in a dry and well-ventilated place.		

QC:

*Alex Foster*

QA:

*Felix Hobart*