

## **Certificate of analysis**

## **L-Methionine**

CAS No.	63-68-3	Code	BIOJMLE001
Batch No	22030301	Manufacture Date	Mar.03, 2022
Expiry Date	Mar.02, 2025	Quantity	150kg

<b>Testing Items</b>	Specifications	Results	
Appearance	White crystals or crystalline powder	Complies	
Identification	Infrared absorption	Complies	
Assay	98.5%~101.5%	99.3%	
Residue on ignition	≤0.4%	0.07%	
Chloride(Cl)	≤0.05%	<0.05%	
Sulfate(SO <sub>4</sub> )	≤0.03%	<0.03%	
Iron(Fe)	≤30ppm	<30ppm	
Heavy metals(Pb)	≤15ppm	<15ppm	
Related compounds	Any individual impurity≤0.5% Total impurities≤2.0%	Complies	
Specific Rotation[α] <sub>D</sub> <sup>25</sup>	+22.4 °~+24.7 °	+23.5 °	
рН	5.6~6.1	5.9	
Loss on drying	≤0.3%	0.11%	
Conclusion	This product conforms to USP40 standard		

<sup>\*</sup>Storage condition: Store below 25°C, Protect from moisture and light.

