



## CERTIFICATE OF ANALYSIS

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Product	L-Serine
Grade	Ultra Pure
Product Code	SB1479
Formula	C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub>
MW	105.09
CAS#	56-45-1
Lot No	

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Test Items	Specifications	Results
Appearance	White to off-white powder	
Purity	98.5~101.5%	
Specific rotation	+13.6°~+15.6°	
Moisture	≤0.2%	
Residue on ignition	≤0.1%	
Heavy metals	≤0.0015%	

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Storage: 18~25°C.