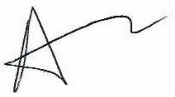
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SPECIFICATION SHEET

Product Name:	L-Isoleucine	Standard:	USP24
Analysis Item	**Specification**	**Test Method**	
Assay	98.5% to 101.5%	Titration	
Physical Control			
Identification	Infrared Absorption	Infrared absorption	
Description	White crystalline powder	Visual	
Specific Rotation	+38.9° to + 41.8°	USP24	
Loss on Drying	NMT 0.3%	USP24	
Residue on Ignition	NMT 0.3%	USP24	
PH	5.5 to 7.0	USP24	
Bulk Density	-	-	
Tap Density	-	-	
Organic Volatile Impurities	As per USP24	USP24	
Chemical Control			
Heavy Metal	NMT 0.0015%	USP24	
Chloride	NMT 0.05%	USP24	
Sulfate	NMT 0.03%	USP24	
Iron	NMT 0.003%	USP24	
Microbiological Control			
Total plate count	<2000cfu/g	CP2005	
Yeast & Mold	<100cfu/g	CP2005	
Staphylococcus Aureus	Negative	CP2005	
Salmonella	Negative	CP2005	
E.Coli	Negative	CP2005	
Conclusion	This product meets the requirements of USP24		

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : 

Abdullah Malik (QA)