Trafa Pharmaceutical Inc.
140 Padgette Street, Unit D
Chicopee, MA 01022, USA
Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product Name: L-Leucine	
TEST ITEMS	**SPECIFICATIONS**
Assay	98.5% to 101.5%
Appearance	White or Almost White Crystalline Powder
Identification	As per USP33
pH	5.5 – 7.0
PHYSICAL CONTROL	
Loss on Drying	Not more than 1%
Residue on Ignition	Not more than 0.5%
HEAVY METALS	
Total Heavy Metals	Not more than 0.0015%
Iron	Not more than 0.003%
CHEMICAL CONTROL	
Chloride	Not more than 0.05%
Sulfate	Not more than 0.03%
Chromatographic Purity	As per USP33
Organic Volatile Impurities	As per USP33
Residual Solvents	As per USP33
MICROBIOLOGICAL CONTROL	
Total Plant Count	1,000 cfu/g
Yeast & Mold	100 cfu/g
E. Coli	Negative
Salmonella	Negative
PACKING & STORAGE	
Packing & Storage	Preserve in well-closed containers and protected from direct light.
CONCLUSION	
Conclusion	This product conforms to USP33 standards.

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)