



## Trafa Pharmaceutical Inc.

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### SPECIFICATION SHEET

<b>Product Name</b>	L-NORVALINE
<b>Quantity</b>	500kg
<b>Cas</b>	6600-40-4
<b>ITEM</b>	<b>INSPECTION STANDARD</b>
Appearance	A white to off-white powder
Identification	IR
Specific rotation	+23.0 ~ 25.0°
PH	5.6 ~ 6.5
Light transmittance	≥ 98.0%
Loss on drying	≤ 0.20%
Residue on ignition	≤ 0.10%
Assay	98.50% ~ 101.00%
Each other amino acid	≤ 0.50%
Impurity	Total Impurities ≤ 1.0%
	Single Impurity ≤ 0.3%
	D-Norvaline ≤ 0.25%
Conclusion	The product conforms to the standard.

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)