



Trafa Pharmaceutical Inc.

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SPECIFICATIONS

PRODUCT NAME : L-PROLINE

SHELF LIFE : 36 MONTHS

ITEMS	REQUIREMENTS
Description	White crystals or crystalline powder
Identification	Must comply
Specific rotation[α] _D ²⁰	-84.5° to -86.0°
State of solution (Transmittance)	Clear and colourless ≥ 98.0%
Chloride(Cl)	≤0.020%
Ammonium(NH ₄)	≤0.02%
Sulfate(SO ₄)	≤0.020%
Iron(Fe)	≤10ppm
Heavy Metals(Pb)	≤10ppm
Arsenic(As ₂ O ₃)	≤1ppm
Other amino acids	Conforms
Loss on drying	≤0.30%
Residue on ignition	≤0.10%
Assay	98.5% ~ 101.0% (calculated on the dried basis)
pH	5.9 ~ 6.9

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)