



ULTRA PURE-LAB CHEM INDUSTRIES (LLP)



GMP & ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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CERTIFICATE OF ANALYSIS

Name of Item: L-THREONINE (for biochemistry)

Formula: C₄H₉NO₃

M.W.: 119.12

Batch No.:

CAS NO.: 72-19-5

Cat. No.: UP4166

Date of Mfg.:

Date of Analysis:

Type of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Assay	(Min.) 99.0%	99.11%
Heavy metals (as Pb)	<0.001%	<0.001%
Ammonium (NH ₄)	<0.01%	<0.01%
Foreign amino acids	<0.3%	0.2%
Other ninhydrine –positive substance	<0.1%	<0.1%

Results : The above product complies with LR grade