

Pallav Chemicals & Solvents Pvt. Ltd.

Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	:	L-GLUTAMINE 99% FOR BIOCHEMISTRY	
Code No.	:	01285	
Batch No.	:	PC10221591	
Mfg. Date	:	OCT-2022	
Date Of Analysis	:	18/10/2022	
Retest Date	:	SEP-2027	

TEST	SPECIFICATION	RESULT
Appearance	A white powder	A white powder
Assay (by HClO ₄ titration)	Min 99%	99.68%
Specific optical rotation ([?]20/D)	+32.3 to +33.3 °	+32.50
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Ammonium (NH ₄)	Max 0.1%	Less than 0.1%
Foreign amino acids	Max 0.3%	Less than 0.3%
Other ninhydrin positive substances (as glycine)	Max 0.1%	Less than 0.1%

REMARK: This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd.

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: www.pallavchemicals.com