



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	:	<b>L-ALANINE 99% FOR BIOCHEMISTRY</b>
<b>Cas No.</b>	:	<b>56-41-7</b>
<b>Code No.</b>	:	<b>00088</b>
<b>Batch No.</b>	:	<b>PC/275/22-2</b>
<b>Mfg. Date</b>	:	<b>JUNE-2022</b>
<b>Date Of Analysis</b>	:	<b>14/06/2022</b>
<b>Retest Date</b>	:	<b>MAY-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White Crystalline Powder	White Crystalline Powder
Assay (by HClO <sub>4</sub> titration)	Min 99.0%	99.62%
Heavy metal (as Pb)	Max 0.001%	0.0003%
Ammonium (NH <sub>4</sub> )	Max 0.01%	0.0012%
Foreign amino acids	Max 0.3%	0.06%
Ninhydrine positive substances (as glycine)	Max 0.1%	0.07%
Specific optical rotation ([ $\alpha$ ] <sub>20</sub> /D)	+14 to +15 °	+14.8°

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](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)