



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>L-ASPARTIC ACID 98.5% FOR BIOCHEMISTRY</b>
<b>Code No.</b>	<b>:</b>	<b>00311</b>
<b>Batch No.</b>	<b>:</b>	<b>PC10221531</b>
<b>Mfg. Date</b>	<b>:</b>	<b>OCT-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>14/10/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>SEP-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay	98 - 101.5%	98.95%
Specific optical rotation ([ $\alpha$ ] <sub>D</sub> <sup>20</sup> )	+24 <sup>0</sup> to +26 <sup>0</sup>	+25 <sup>0</sup>
Residue on ignition	Max 0.1%	0.05%
Identification	Passes test	Complies
Chloride (Cl)	Max 0.02%	Less than 0.02%
Sulphate (SO <sub>4</sub> )	Max 0.03%	Less than 0.03%
Iron (Fe)	Max 0.001%	Less than 0.001%
Lead (Pb)	Max 0.001%	Less than 0.001%
Loss on drying (at 105°C; 3 hrs)	Max 0.5%	0.44%

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)