



## CERTIFICATE OF ANALYSIS

Date: 30/06/16

**PRODUCT NAME: L-GLUTAMIC ACID**

CAS No : 56- 86- 0  
Mol. Formula : C<sub>5</sub>H<sub>9</sub>NO<sub>4</sub>  
Mol. WT : 147.13  
Exp. : May 2021

Product code : 14685  
Batch No : MCR-11891  
Mfd. : June 2016

S. R	Test	Specification	Observation
1	Assay(acidimetric)	99 % min	99.32%
2	Ammonium (NH <sub>4</sub> )	0.02% max	<0.02%
3	Specific rotation [ $\alpha$ ] <sup>20°</sup> <sub>D</sub>	+30 <sup>0</sup> to +32 <sup>0</sup>	+30.99 <sup>0</sup>

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

**Note:** Computer generated image requires no sign.

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