

# Technical Specification

**PRODUCT : L(+)-Glutamic acid RPE - For analysis**

**CODE : 406480**

**MOLECULAR WEIGHT :147,13**

**CAS N° : 56-86-0**

**FORMULA : HOOCCH(NH<sub>2</sub>)CH<sub>2</sub>CH<sub>2</sub>COOH**

TEST	U.M.	SPECIFICATION
Description	-	White powder
Identification	-	Positive
Specific rotative power at 20°C	° (d.s.)	+30.5 to +32.5
Loss on drying	%	<= 0.5
Ammonium	ppm	<= 200
Chloride	ppm	<= 200
Sulfate	ppm	<= 300
Heavy metals (as Pb)	ppm	<= 10
Residue on ignition	%	<= 0.1
Transmittance at 430nm (C=10; HCl 2N)	%	>= 98
Other aminoacids	-	Not detectables
As <sub>2</sub> O <sub>3</sub>	ppm	<= 1
Fe	ppm	<= 30
Assay (on dry)	% (d.s.)	98.5 - 100.5

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in