

# Technical Specification

**PRODUCT : L(+)-Glutamic acid RE - Pure**

**CODE : 304500**

**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
Spec. opt. rot. at 20°C (C=10; HCl 2N)	°	+31.5 to +32.5
Transmittance at 430nm (C=10; HCl 2N)	%	>= 98
Chloride	ppm	<= 210
Sulfate	ppm	<= 280
Ammonium	ppm	<= 200
Other aminoacids	-	Not detectables
Heavy metals (as Pb)	ppm	<= 10
Loss on drying	%	<= 0.2
Sulfated ashes	%	<= 0.1
Fe	ppm	<= 30
Assay (acidimetric)	%	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