

# Technical Specification

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

**CODE : 402440**

**MOLECULAR WEIGHT :133,1**

**CAS N° : 56-84-8**

**FORMULA : HOOCCHNH<sub>2</sub>CH<sub>2</sub>COOH**

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification	-	Positive
Specific optical rotation (C=8; HCl 6N)	°	+24 to +26
Loss on drying	%	<= 0.2
Ammonium	ppm	<= 500
Chloride	ppm	<= 200
Sulfate	ppm	<= 300
As	ppm	<= 1
Fe	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 10
Other aminoacids (TLC)	%	<= 0.5
Residue on ignition	%	<= 0.1
Assay (on dry)	% (d.s.)	>= 98.0

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