

# Technical Specification

**PRODUCT : L(+)-Asparagine RPE - For analysis**

**CODE : 424540**

**MOLECULAR WEIGHT :150,14**

**CAS N° : 5794-13-8**

**FORMULA : C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>.H<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification (I.R.)	-	Positive
Specific optical rotation	°	+33.5 to +36.5
Other amino-acids	%	<= 1
Loss on drying	%	11.5 - 12.5
Residue on ignition	%	<= 0.1
Ammonium	%	<= 0.1
Chloride	%	<= 0.02
Sulfate	%	<= 0.03
Heavy metals (as Pb)	ppm	<= 10
As	ppm	<= 1
Fe	ppm	<= 10
Assay (on dry)	% (d.s.)	98.5 - 101.0

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