

## Product Specification

Product Name: L-Phenylalanine

(S)-2-Amino-3-phenylpropanoic acid

Item Nr.: 1916

MW: 165.19 g/mol

C9H11NO2

CAS Nr.: 63-91-2

E.C.Nr.:

EINECS: 200-568-1

Parameter	Method	Specification	Unit
Appearance	visual	white to beige crystalline powder	
Solubility	5% in 1M HCl	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1-2	
Identification	IR	corresponds to standard	
Assay	Titration	98.5 - 101.5	%
pH	1% in H2O, 20°C	5.4 - 6.0	
Loss on drying		<0.5	%
Optical rotation	$[\alpha]^{20}_D$ , 2% in H2O	-32.7 - -35.5	°
Heavy metals (as Pb)		< 15	ppm
Sulfated ash		< 0.4	%

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/05.03.2026