

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Phenylalanine
<b>Product No</b>	14133876
<b>CAS Number</b>	63-91-2
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	165.19
	<b>Specification</b>
<b>Appearance</b>	White crystalline powder
<b>Heavy metals</b>	≤ 0.002%
<b>Loss on Drying</b>	≤ 0.40%
<b>pH</b>	5.4 - 6
<b>Specific rotation</b>	-20.4 to -35.2°
<b>Assay</b>	98.5 - 101.5%
<b>Residue on Ignition</b>	≤ 0.10%

## Specification

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**Water Content**

Report

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**Lead (Pb)**

$\leq 10\text{mg/kg}$

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