


ISO 9001:2008 Co.



# Rehsiff Scientific®

Manufacture & Importer of  
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

## DL- PHENYLALANINE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>R02867</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(150-30-1)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>CH(NH<sub>2</sub>)COOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>165.19</b>
<b>PROPERTIES</b>	<b>Leaflets or prisms from water and alcohol, sweet tasting,</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystalline powder.
Solubility	1% solution in hot water is clear and colourless.
Minimum Assay (Non-Aqueous)	98.5%
Specific rotation [α] <sub>D</sub> <sup>20</sup> (5% in 1M HCl acid)	- 0.1 ° to + 0.1 °
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Iron (Fe)	0.001%
Heavy metals ( as Pb)	0.001%
Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Ninhydrin-positive substances (TLC)	0.5%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements :</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention :</b> ----- <b>Response :</b> ---	IMDG Code : UN No. : IATA :  <b>Disposal :</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.
<b>Hazard Pictogram(s) :-</b>	 GHS05      GHS07

Replace Date 1 April 2023

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