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**SPECIFICATION SHEET  
L-Phenylalanine**

Item Code: 311

Country of Origin: China

Updated: June 2012

**TEST ITEMS**

**SPECIFICATIONS**

Description

White crystals or crystalline powder

Identification (IR)

Concordant with the reference spectrum

Assay

98.5%-101.5%

pH

5.4 – 6.0

Specific Rotation

-33.2° to -35.2°

Loss on drying

≤0.20%

Residue on Ignition

≤0.10%

Heavy metals

≤ 20 ppm

Lead (Pb)

≤ 5ppm

Arsenic (As)

≤ 3 ppm

Conclusion:

Meets FCC requirements

Shelf Life:

2 years

Storage:

Store in a well-closed container in a dry place, in ambient temperatures, away from strong light and heat.

Packing:

In drums of 25 kgs

- Kosher certified

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*Gayathri Vasudevan*

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Manager, Quality Assurance & Regulatory