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## -CERTIFICATE OF ANALYSIS-

Product: L-Leucine

Code No: BIL0712

CAS No: 61-90-5

Formula:  $C_6H_{13}NO_2$ 

Batch No: 140916

Appearance: White crystalline solid

Identity: IR Concordant

Specific rotation:  $+15.5^{\circ}$ 

pH: 6.1

Loss on drying: 0.11%

Residue on ignition: 0.2%

Chloride: <0.05%

Sulphate: <0.03%

Iron: 8ppm

Heavy metals: 7ppm

Assay: 99.6%

Verified by: David Parton

Signed:

Date: 31<sup>st</sup> October 2014