## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 03881

Product Z-D-leucine 4-nitrophenyl ester

**Lot Number** 3881-012601-1

Z-D-Leu-ONp

(R)-Z-2-amino-4-methyl-pentanoic acid 4-nitrophenyl ester

CAS Number 52235-17-3 Molecular Formula C<sub>20</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight 386.4

**Melting Point** 92-95 °C

**Optical Rotation** [a]<sub>D</sub><sup>20</sup> = +31.3° (C=1.028% in DMF)

Purity by HPLC 99%

**Storage** Store at 0-8°C

**Remarks** See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

**Bala Kumar** 

**Quality Control Manager**