## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 06160
Lot Number 20070702

Product 4-Amino-D-phenylalanine hydrochloride

 $D\text{-Phe}(4\text{-}NH_2)\text{-}OH \bullet HCl$ 

p-Amino-D-Phe-OH•HCl

CAS Number 126257-07-6 Molecular Formula C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>·HCl

**Molecular Weight** 216.67

**Appearance** Off-white powder

**Optical Rotation** [a]<sub>D</sub>25 = + 44.1  $^{\circ}$  (C=1 in H<sub>2</sub>O)

<sup>13</sup>C NMR
 <sup>1</sup>H NMR
 Conforms to structure

Purity by HPLC 98.056%

**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**