

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	04104
<b>Lot Number</b>	PA108(1)-196-58
<b>Product</b>	<b>3-Cyano-L-phenylalanine</b>

L-Phe(3-CN)-OH

*m*-Cyano-L-phenylalanine

<b>CAS Number</b>	57213-48-6, 144799-02-0
-------------------	-------------------------

<b>Molecular Formula</b>	C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>
--------------------------	---

<b>Molecular Weight</b>	190.2
-------------------------	-------

---

<b>Appearance</b>	Pale brown powder
-------------------	-------------------

<b><sup>1</sup>H NMR</b>	Conforms to structure
--------------------------	-----------------------

<b>Chiral HPLC</b>	> 98% (ee)
--------------------	------------

<b>Purity by HPLC</b>	97.72%
-----------------------	--------


<b>Storage</b>	Store at 0-8°C
----------------	----------------

<b>Additional Information</b>	NMR Solvent: D <sub>2</sub> O + K <sub>2</sub> CO <sub>3</sub>
-------------------------------	--

<b>Remarks</b>	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**