

# 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>	37990
<b>Product</b>	<b>Lamivudine</b>
<b>Lot Number</b>	001415-080301
	3TC
<b>CAS Number</b>	134678-17-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>11</sub> N <sub>3</sub> O <sub>3</sub> S
<b>Molecular Weight</b>	229.25

---

<b>Appearance</b>	White crystals
<b>Melting Point</b>	176 - 178 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -146.5 ° (C=1, Methanol)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.13%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.2%
<b>Storage</b>	Store at 2 - 8 °C
<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**