

# 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>	14350
<b>Lot Number</b>	001772-20132328
<b>Product</b>	<b>Pefloxacin</b> Pefloxacin methanesulfonate 1-Ethyl-6-fluoro-7-(4-methylpiperazin-1-yl)-4-oxo-quinoline-3-
<b>CAS Number</b>	149676-40-4
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>20</sub> FN <sub>3</sub> O <sub>3</sub> •CH <sub>4</sub> O <sub>3</sub> S•2H <sub>2</sub> O
<b>Molecular Weight</b>	465.49

---

<b>Appearance</b>	White or pale yellow crystalline powder
<b>Clarity &amp; Color</b>	Clarity : Clear solution Color : < 7#
<b>Solubility</b>	Freely soluble in water, slightly soluble in ethanol and practically insoluble in chloroform.
<b>Heavy Metals</b>	< 20 ppm
<b>Anion</b>	Fluorine : 4.29%
<b>pH</b>	4.20
<b>Loss on Drying</b>	7.6%
<b>Related Substances</b>	Conforms
<b>Residue On Ignition</b>	0.05%
<b>Assay</b>	99.4% (On dried basis)
<b>Storage</b>	Store at ≤ -4 °C
<b>Additional Information</b>	Identification : 1) Moist potassium iodide-Amylum Test paper turn blue : Passes test 2) Show reddish brown : Passes test 3) Maximum absorbance at 276nm and 318nm : Passes test

# *Certificate of Analysis*

Catalog Number: 14350

Lot Number: 001772-20132328

---

**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**