

# *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>	26504
<b>Lot Number</b>	001933-31221531
<b>Product</b>	<b>Fusidic acid</b>
<b>CAS Number</b>	6990-06-3
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>48</sub> O <sub>6</sub>
<b>Molecular Weight</b>	516.71

---

<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Practically insoluble in water, freely soluble in alcohol
<b>Water Content (Karl Fisher)</b>	1.6%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Methanol: 0.062%, Butyl Acetate: Not detected, Butanol: Not detected
<b>Related Substances</b>	Total Impurities: 0.4% 27-oxofusidic sodium: 0.19% 3-ketofusidic sodium: 0.15% 9,11-anhydrofusidic: Not detected 11-deoxyfusidic sodium : 0.03% Any other impurity: 0.04%
<b>Sulfated Ash</b>	0.1%
<b>Assay (anhydrous basis)</b>	99%
<b>Storage</b>	Store at 0-8 °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**