

# *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>	01463
<b>Product</b>	<b>(-)-Riboflavin</b>
<b>Lot Number</b>	002036-12043214
	Vitamin B <sub>2</sub>
	Lactoflavin
<b>CAS Number</b>	83-88-5
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>
<b>Molecular Weight</b>	376.4

---

<b>Appearance</b>	Orange crystalline powder
<b>Heavy Metals</b>	Lead (Pb): 0.43 mg/kg Cadmium (Cd): Not detected Arsenic (As): Not detected Mercury (Hg): Not detected
<b>Trace Metal Analysis</b>	Lead (Pb): 0.43 mg/kg
<b>Yeast and Mold</b>	< 10 cfu/g
<b>Residual Solvents</b>	Methanol: 0.03% Ethanol: < 0.01%
<b>E. Coli, Salmonella, S.Aureus</b>	Negative
<b>Related Substances</b>	Any impurities: < 0.05% Total impurities: < 0.05% Chromatographic impurity: 0.03%
<b>Assay</b>	99.4%
<b>Grade</b>	USP/BP/EP/FCC
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Limit of Nitrate: No brown ring is produced at the junction of the two layers. Color of solution: No more color produced. Total Plate Count: < 100 cfu/g

## ***Certificate of Analysis***

**Catalog Number: 01463**

**Lot Number: 002036-12043214**

---

**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**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**