



## Product Specification

### RIBOFLAVIN FOR BIOCHEMISTRY VITAMIN B<sub>2</sub> (FOR LAB USE)

<b>PRODUCT CODE</b>	<b>044088</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(83-88-5)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>6</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>376.37</b>
<b>PROPERTIES</b>	<b>Slightly soluble in water and alcohols, insoluble in lipid solvents.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Yellow to orange yellow crystalline powder, odour slight, taste slightly bitter.
Solubility	Slightly soluble in water, more soluble in saline solution, soluble in dilute solution of alkali hydroxides.
Assay (Spectrophotometric at 444 nm in acetate buffer)	98.0 - 102%

#### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	1.5%
Sulphated ash	0.1%

**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements :** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** ---

**Disposal:** The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code :--  
UN No. :--  
IATA :--

**Hazard Pictogram(s) :-----**