

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	vitamin B2		
<b>Batch Number</b>	20211229	<b>Manufacture Date</b>	20211229
<b>Report Date</b>	20211229	<b>Expiry Date</b>	20231228

Item of Analysis	Specification	Results
Assay (w%)	98.0~102.0	99.9
Appearance	Orange-yellow crystalline powder	Conforms
Identification	Passes Test	Conforms
Specific optical rotation $\alpha_m(20^\circ\text{C},\text{D})/[(^\circ).\text{dm}^2.\text{kg}^{-1}]$	-120~-140	-130
Lumiflavin ( A )	0.025max	0.008
Residue on ignition( w% )	0.3max	0.07
Loss on drying ( w% )	1.5max	0.52
Heavy metals (Pb)/(mg/kg)	10max	<10
Arsenic (As)/(mg/kg)	2max	<1.0

Conclusion : Conform with GB14752-2010 Standard of CN.

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

