

ExperChem Ltd. ◦ Grundelbachstr. 2/3 ◦ 69469 Weinheim

Product name: Vitamin B2 Riboflavin

Manufacturing date: 29.03.2019

Expiry date: 28.03.2022

Batch No.: HS190326

○ **Kontakt Contact**
Dr. Henry Häusler
henry.haeusler@experchem.com
fon +49 6201 877622
fax +49 6201 187043

Test	Specification	Result
Appearance	Orange yellow crystalline powder	complies
UV Absorbance	0,31-0,33 A375nm/A267nm 0,36-0,39 A44nm/A267nm	0,32 0,38
Infrared absorption spectrum	TLC: complies with chromatogram obtained with the reference solution	complies
Loss on drying	< 1,5%	0,20%
Residue on ignition	< 0,3%	0,1%
Specific rotation	-120°C— -140°C	-131°C
Photosensitive flavin	44nm Absorbance <0,025	0,013
As	< 0,0002%	complies
Heavy metals	< 0,001%	complies
Assay	98,0%-102,0%	99,6%
The total bacterial	< 1000 cfu/g	< 10 cfu/g
Yests/mold count	< 100 cfu/g	< 10 cfu/g
E.Coli	Negative	
Salmonella	Negative	
Pseudomonas	Negative	
Staphylococcus aureus	Negative	
Purity HPLC	> 98,0%	98,5%