



Vitamin B2 Riboflavin

INCI Name:	Riboflavin
Trade name:	Vitamin B2
CAS-No.:	83-88-5
Application:	Cosmetics Nutrition
Packaging:	in drums
Filling Quantity:	10 kg 25 kg other package sizes on request
Shelf life:	up to 2 years, not opened
Storage conditions:	dry and cool, avoid direct sunlight and heat

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Kosmetik-Rohstoffe von Experten

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Product Specification

Vitamin B2 Riboflavin

Test	Specification	Batch No. HS190326
Appearance	orange yellow crystalline powder	conform
UV Absorbance	0,31 – 0,33 A_{375nm}/A_{267nm} 0,36 – 0,39 A_{44nm}/A_{267nm}	0,32 0,38
Infrared absorption spectrum	TLC: conform with chromatogram obtained with the reference solution	conform
Loss on drying	< 1,5 %	0,2 %
Residue on ignition	< 0,3 %	0,1 %
Specific rotation	-120 - -140 °C	-131 °C
Photosensitive flavin	44nm Absorbance <0,025	0,013
As	< 0,0002 %	conform
Heavy metals	< 0,001 %	conform
Assay	98 – 102 %	99,6 %
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 %	98,5 %