

## Ingredient Specification

<b>Ingredient</b>	<b>Riboflavin Vitamin B2 80% (EU)</b>
Description	Yellow to orange-yellow granular powder
Active ingredient	Riboflavin
Chemical Formula	C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>
Test Standard	Minimum 80%
Test Method	HPLC-UV
Checked against	Certificate of analysis of each batch/lot number
Producer	BASF or DSM
Production Method	Fermentation from <i>Ashbya gossypii</i> (DSM 23096), or <i>Bacillus subtilis</i> (DSM 17339 and/or DSM 23984)
Product Registration	EU Register of Feed Additives 3a825i and 3a825ii
Regulatory	Conforms to EC Reg 1831/2003, EC Reg 183/2005, EC Directive 2002/32, EC Reg 1829/2003, EU Reg 1830/2003 and EU Reg 2019/901
Undesirable substances	Conforms to EC Directive 2002/32
Salmonella	Absent
E.coli	Absent
Mould & Yeast Count	0 – 1000 cfu/g
Loss on drying	<3%
Packaging	Normally supplied in 20kg or 25kg drums
Storage conditions	Store in a dry place out of direct sunlight
Handling	No significant HACCP hazards. For safety, use breathing, eye and skin protection during handling.
Transport ADR	Not dangerous goods
Other	For use in animal feeds. May also be used in drinking water for animals
Signed	XL Ingredients Ltd
Date	04/05/2020