

Ingredient Specification

Ingredient	Vitamin B1 Thiamine Mononitrate
Description	White crystalline powder
Active ingredient	Thiamine Mononitrate
Chemical Formula	C ₁₂ H ₁₇ N ₄ OS(NO ₃)
Test Standard	Minimum 98% on anhydrous basis
Test Method	HPLC-UV
Checked against	Certificate of analysis of each batch/lot number
Producer	FAMI-QS or GMP+ International certified factory
Production Method	Chemical synthesis
Product Registration	EU Register of Feed Additives 3a821
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 2015/897
Undesirable substances	Conforms to EC Directive 2002/32
Salmonella	Absent
E.coli	Absent
Mould & Yeast Count	0 – 1000 cfu/g
Loss on drying	<1%
Packaging	Normally supplied in 25kg plastic lined fibre boxes or drums.
Storage conditions	Store in a dry place out of direct sunlight
Handling	No significant HACCP hazards. For safety, wear breathing protection, safety glasses and gloves 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