

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Xanthine Oxidase from bovine milk - Grade I, ammonium sulfate suspension,  $\geq 0.4$  units/mg protein

**Product Number:** X1875  
**CAS Number:** 9002-17-9  
**MDL:** MFCD00082145

**Storage Temperature:** 2 - 8 °C

TEST	Specification
mg protein/ml (Biuret)	$\geq 5.0$
TCA precipitation	
units/mg protein	$\geq 0.4$
One unit will convert 1.0 micromole of xanthine to uric acid per minute at pH 7.5 at 25 deg C.	
Uricase Content	$\leq 0.5$ %
One unit will convert 1.0 micromole of uric acid to allantoin per minute at pH 8.5 at 25 deg C.	
Recommended Retest Period	-----
1 Year	

Specification: PRD.2.ZQ5.10000014847

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.