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## Certificate of Analysis

Product Name:

Lactoperoxidase from bovine milk - lyophilized powder (essentially salt-free),  $\geq 200$  units/mg protein

**Product Number:** L2005  
**Batch Number:** SLBR9308V  
**Brand:** SIGMA  
**CAS Number:** 9003-99-0  
**MDL Number:** MFCD00131484  
**Storage Temperature:** Store at -20 °C  
**Quality Release Date:** 30 NOV 2016

Test	Specification	Result
Protein by Lowry	$\geq 10\%$	60%
un/mg protein	$\geq 200$	296
Enzyme Activity		
One unit will oxidize 1.0 micromole of 2,2'-azino-bis(3-ethylbenzthiazoline-6-sulfonic acid) per minute at pH 5.5 at 25 Deg C		
UV Absorbance Ratio	0.70 - 0.85	0.74
A412 nm/A280 nm		



Rodney Burbach, Manager  
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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.