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## Product Specification

Product Name:

Carbonic Anhydrase Isozyme II from bovine erythrocytes - lyophilized powder,  $\geq 3,000$  W-A units/mg protein

Product Number: **C2522**  
CAS Number: 9001-03-0  
MDL: MFCD00081467

Storage Temperature: -20 °C

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Protein by Biuret	$\geq 80\%$
W/A units/mg solid	$\geq 2400$
One Wilbur-Anderson (W/A) unit will cause the pH of a 0.02 M Trizma buffer to drop from 8.3 to 6.3 per min at 0 °C	
W/A units/mg protein (Biuret)	$\geq 3000$
One Wilbur-Anderson (W/A) unit will cause the pH of a 0.02 M Trizma buffer to drop from 8.3 to 6.3 per min at 0 °C	
Isoelectric Focusing (IEF)	Meets Requirements
One major band with pI ~ 5.9.	

Specification: PRD.2.ZQ5.10000004960

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.