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Certificate of Analysis

Product Name:

Collagenase from Clostridium histolyticum suitable for release of physiologically active rat epididymal adipocytes, Type II, 0.5-5.0 FALGPA units/mg solid, ≥125 CDU/mg solid

 Product Number :
 C6885-5G

 Batch Number :
 0000439772

 Source Batch :
 0000405056

 CAS Number :
 9001-12-1

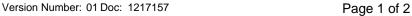
 MDL Number :
 MFCD00130830

Storage Temperature : -20°C
Recommended Retest Date : Dec 2030
Quality Release Date : 20 Dec 2024

		Hepatocyte	Adipocyte	Pencreotic	
C5138	W				
C0130					
C6885					
C9891	13.				
C9063					
C7657	30				
C2139	98				
C1889	0/-5				
C0255					
C1764					
C0773	98				
C5894	(3)				
O8051	H				
C1639					
C7926					
CB176					
C2399	Wis				
C6029	30				
C2004					
CATRS	30.5				
C9697	30				
C9722	Di.				
C9427	30				
C2674	Di.				
C2799	1/1				
C9972	3/1				

Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	Faint Beige to Very Dark Beige	Very Dark Beige
	and Faint Brown to Very Dark Brown	
units/mg solid (Collagen)	≥ 125	1447
Unit definition: One unit liberates peptides from collagen from bovine achilles tendon equivalent in ninhydrin color to 1.0 micromole of leucine in 5 hours at pH 7.4 at 37 deg C in the presence of calcium		
ions.		
units/mg Solid (FALGPA)	0.5 - 5.0	2.1
One unit hydrolyzes 1.0 micromole of FALGPA (Furylacryloyl-Leu-Gly-Pro-Ala, F5135) per minute at pH 7.5 at 25 deg C in the presence of calcium ions.		
units/mg Solid (Caseinase)	≥ 10	121
Units/mg solid (Clostripain)	≥ 0.1	0.9

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. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale







Product C6885-5G **Batch** 0000439772

Anna Bendersky, Quality Control Manager

Quallity Control

Israel

IL

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