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Certificate of Analysis

Product Name	L-Carnosine				
Glentham Code	GE5095		H		
CAS Number	305-84-0			7	
EINECS	206-169-9		$\langle \rangle$	//	
MDL Number	MFCD0000520	7	N	So the or	
PubChem SID	310269400		0		
Batch Number	042FGO		¥		
Iolecular Weight	226.23		но	HN - K	
/lolecular Formula	$C_9H_{14}N_4O_3$				
torage Temp.	-20°C				NH ₂
roperty		Specification		Batch 042FGO	
nysical Description		White to almost white powder		White powder	
lentification (IR)		To conform to standard		Conforms	
olubility (2% in water)		Clear very faintly turbid, colourle faint yellow solution	ss to very	Conforms	
H (2% in water)		7.5 - 8.5		8.3	
Specific Optical Rotation	([α]20/D)	+20.0 - +22.0 ° (c=2, water)		+21.4°	
lelting Point		250.0 - 265.0 °C		Conforms	
mpurities		beta-Alanine: ≤ 0.1%		Conforms	
		L-Histidine: ≤ 1.0%		Conforms	
Heavy Metals		≤ 10ppm		Conforms	
Residue on Ignition		≤ 0.1%		Conforms	
oss on Drying		≤ 1.0%		≤ 0.1%	
Assay		99.0 - 101.0 %		100.0%	

Manufacture Date2022-06-10Re-Test Date2033-11-10

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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