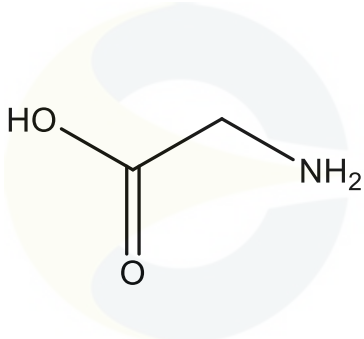


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<b>PRODUCT NAME</b>	Glycine	<b>Structure</b> 
<b>PART NUMBER</b>	00007341	
<b>STANDARD TYPE</b>	Primary (P)	
<b>LOT NUMBER</b>	00007341-229	
<b>REPORT NUMBER</b>	CDXA-RSS-844-02	
<b>SAMPLE NUMBER</b>	CDXA-06-0421	
<b>DATE OF SAMPLE</b>	12/03/2003	
<b>DATE OF RE-EVALUATION</b>	12/07/2010 (1 <sup>st</sup> ); 05/06/2015 (2 <sup>nd</sup> ); 04/08/2020 (3 <sup>rd</sup> )	
<b>DATE OF REPORT</b>	05/14/2020	

<b>CHEMICAL NAMES</b>	2-Aminoacetic acid; Aminoethanoic acid; Glycocoll; Glycosthene
<b>CHEMICAL FORMULA</b>	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
<b>MOLECULAR WEIGHT (MW)</b>	75.07
<b>CHEMICAL FAMILY</b>	Amino acids
<b>CAS NUMBER</b>	[56-40-6]
<b>EC#(EINECS)</b>	200-272-2
<b>RTECS</b>	MB7600000

**ANALYTICAL RESULTS**

TEST	METHOD	SPECIFICATION	RESULT
Adjusted Purity	NA	NA	99.8%
HPLC	0.700.10.2.METH46	NA	99.9%
NMR	NA	Conforms to structure	Conforms to structure
Mass Spectrum	Direct Infusion, ESI (+)	Conforms	Conforms
Residual Solvent	CDXA-AM-001-00	NA	Isopropanol – 0.1%
Water	0.700.12.37	NA	ND
Appearance	NA	NA	White powder

ADJUSTED PURITY: 99.8% IS BASED ON (100 - 0.1 SOLVENTS - 0.0 WATER) X 99.9% HPLC

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## STORAGE CONDITIONS

STORAGE	Room Temperature in a dry place.
EXPIRATION DATE	04/2025 under the above conditions.

## ANALYTICAL CONDITIONS

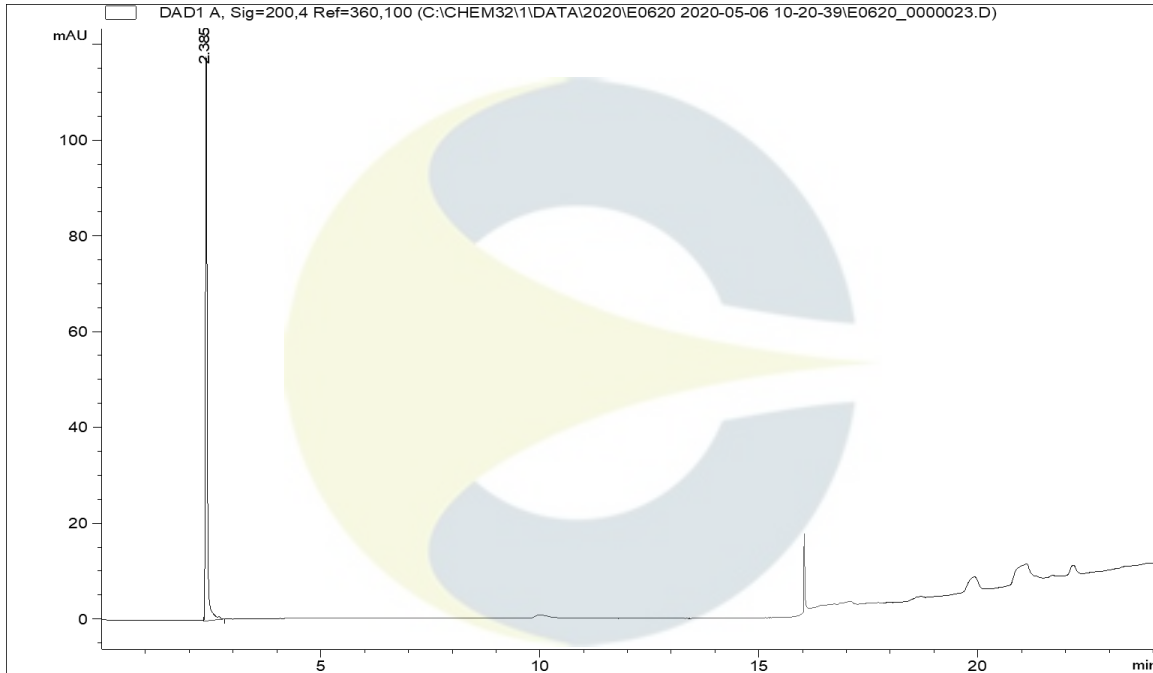
INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); FINNIGAN LCQ-DECA
COLUMN	Phenomenex Synergi Hydro-RP 250 x 4.6 mm, 4 µm particle size
MOBILE PHASE	A – 10 mM KH <sub>2</sub> PO <sub>4</sub> pH 2.9 in water; B – Acetonitrile; Isocratic 0% B for 10 minutes, then increasing to 30% B over 10 minutes. Hold at 30% B for 4 minutes.
COLUMN TEMP.	22 °C
FLOW RATE	1.0 mL/minute
INJECTION VOL.	5.0 µL
INJECTION CONC.	1.0 mg/mL in water
DETECTION	200 ± 2 nm

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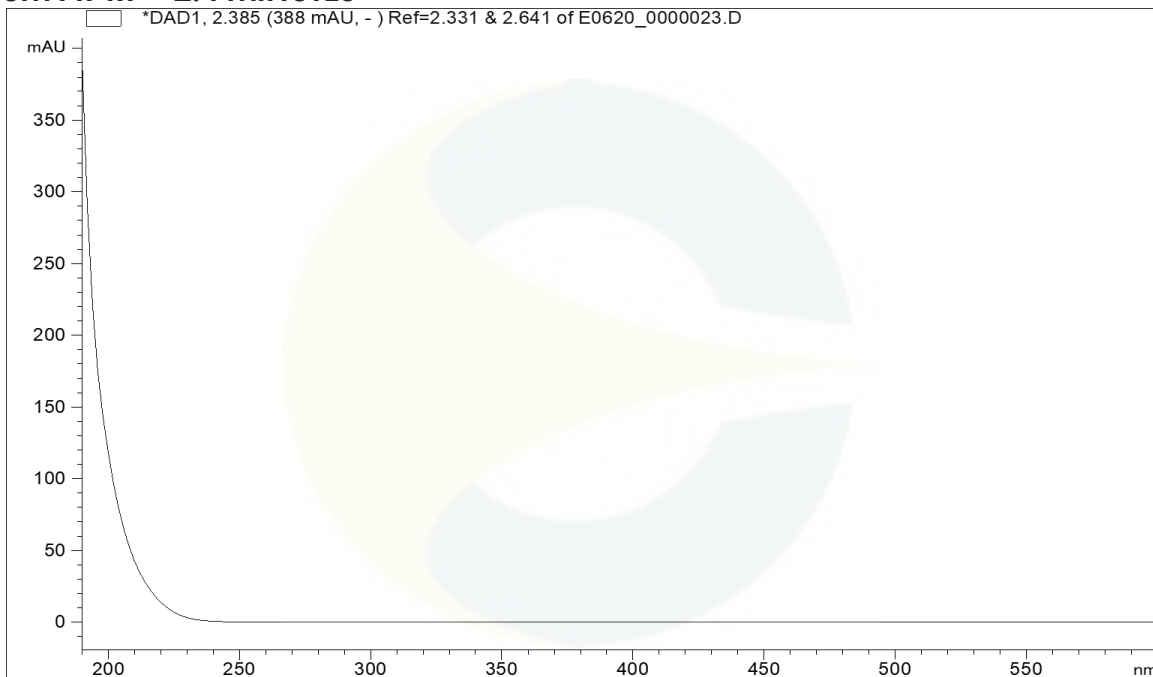
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**HPLC CHROMATOGRAM OF GLYCINE (CDXA-06-0421)**



**UV SPECTRUM AT RT = 2.4 MINUTES**



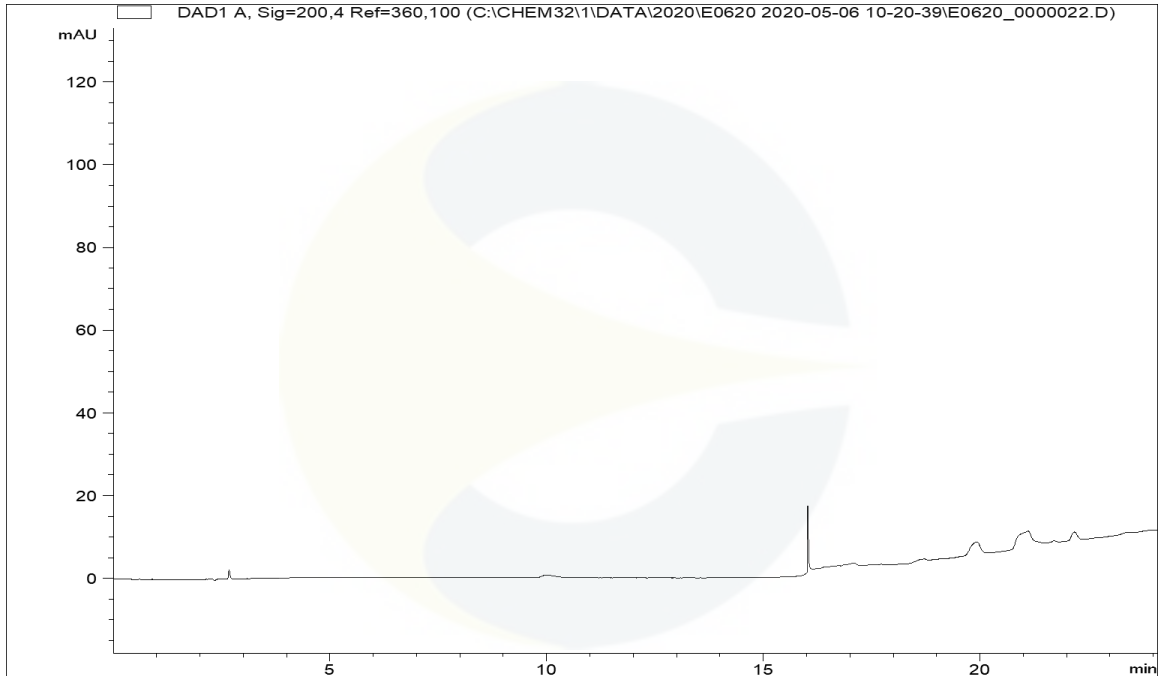
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Laboratory address: 1751 S. Fordham St., Suite 350, Longmont, CO 80503

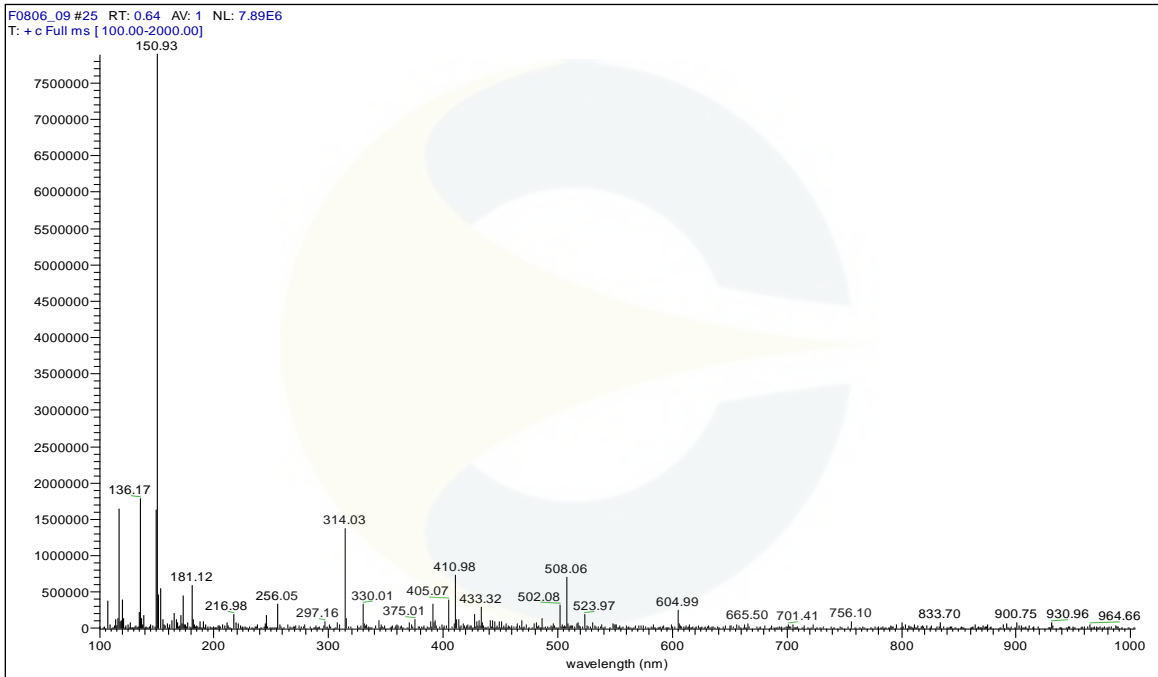
India Contact:  
Life Technologies (India) Pvt. Ltd.  
306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444  
Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)

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**HPLC CHROMATOGRAM OF DILUENT BLANK**



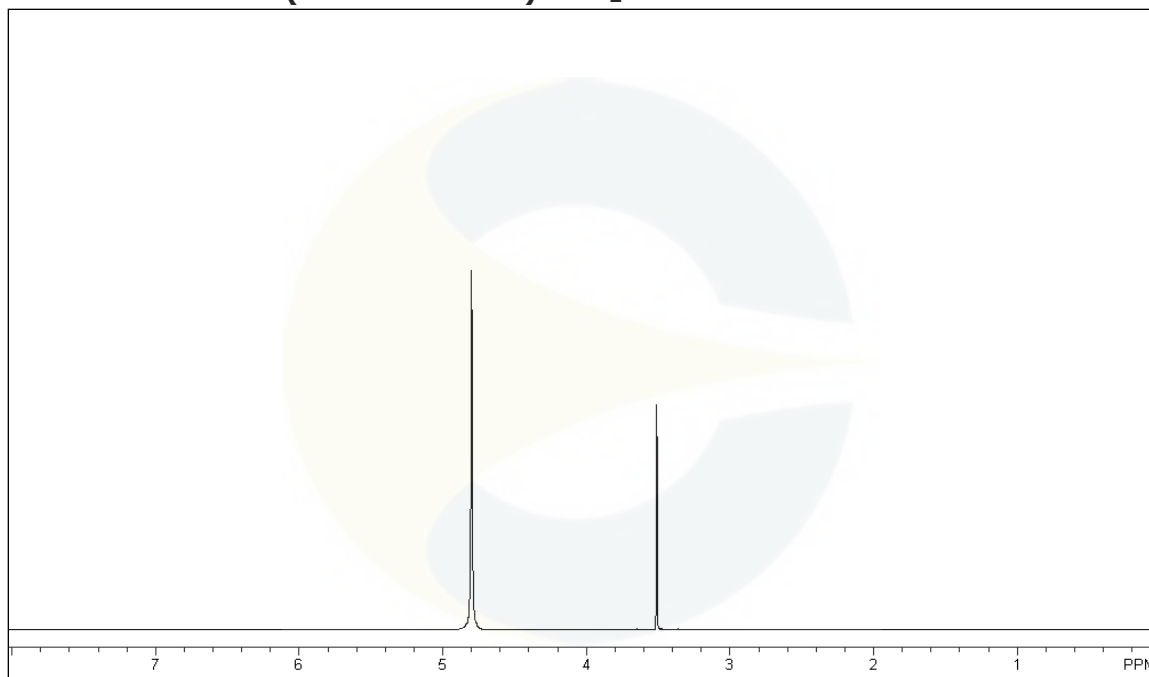
**MASS SPECTRUM OF GLYCINE (CDXA-06-0421)**



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India Contact:  
Life Technologies (India) Pvt. Ltd.  
306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444  
Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)

**NMR SPECTRUM OF GLYCINE (CDXA-06-0421) IN D<sub>2</sub>O**

**REVISION HISTORY**

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	12/07/2010	New report and first re-evaluation
01	05/29/2015	Passed second re-evaluation by HPLC. Updated expiration date, chemical names, and melting point.
02	05/14/2020	Passed third re-evaluation by HPLC and KF. Removed the melting point. Updated the template, expiration date, analytical results, analytical conditions, and chromatograms.

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