

**Analyzer: Test**  
**Serial#: 85050**

**Account: 125212**  
**Company:**  
**Facility: St. Mary's Regional Testing Center**

Submission ID: **23-302763**  
Entry Type: Calibration Verification



The following data was processed through LGC Maine Standards MSDRx software program, using VALIDATE Linearity and Calibration Verification materials. If you have any questions, please call LGC Maine Standards at 1 - 207 - 892 - 1300 or e - mail [msc.datareduction@lgcgroup.com](mailto:msc.datareduction@lgcgroup.com). Access historical reports at any time via [msdrx.mainestandards.com](http://msdrx.mainestandards.com).

To view the Analyte Report Explanation Guide, please visit: [www.mainestandards.com/report\\_guide](http://www.mainestandards.com/report_guide)

**Product: GC3**  
**SKU: 1300AB**  
**Comments:**

**Lot #: 10534898**  
**Expiration: 12/28/23**

Code	Analyte	Method	Test Date	Verified Range	Status
LD	Lactate Dehydrogenase	Enzymatic UV	05/02/2023	27.5 to 2,527.50 U/L	

**LD - Lactate Dehydrogenase**

**Method:** Lactate Dehydrogenase  
**Method Type:** Enzymatic UV **Units:** U/L

**Account #:** 25212  
**Company:** LGC Maine Standards  
**Facility:** St. Mary's Regional Testing Center  
**Analyzer:** Test  
**Serial #:** 85050  
**Model:** Roche Diagnostics - cobas - 8000  
**Test Date:** 05/02/2023  
**Technician:**

**Part #:** 1300ab  
**Description:** GC3  
**Lot #:** 10634898  
**Expiration:** 2/28/2023  
**Submission ID:** 3-302763

**TEa:** 5.00 U/L or 20.00 %, whichever is greater  
**Source:** MSC  
**Applied limit:** 50%  
**Comments:**

**Data Set**

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Replicate 1	25	525	1025	1525	2025	2525
Replicate 2	30	530	1030	1530	2030	2530

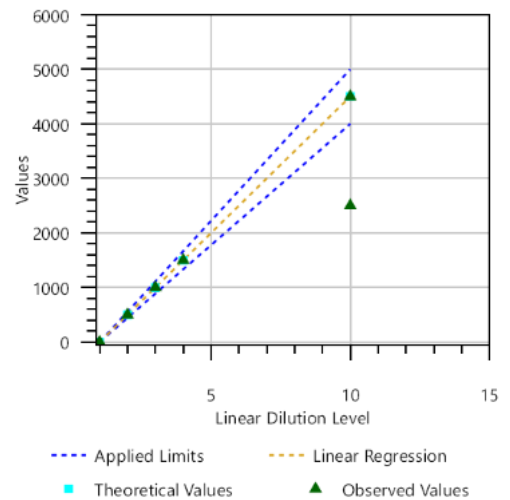
**Linearity Data Analysis**

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Effective X	1	2	3	4	5	10.06
Theoretical Value *	27.50	527.50	1,027.50	1530	2030	2530
Observed Mean	30	530	1030	1530	2030	2530
+/- Difference	30	530	1030	1530	2030	2530
% Difference	30	530	1030	1530	2030	2530
+/- Limit	30	530	1030	1530	2030	2530
% Limit	30	530	1030	1530	2030	2530

Regression: Theoretical vs. Observed Mean  $y = 0.536x + 410.881$   $r^2 = 0.848$

(\*) Theoretical values are calculated from the best-fit line between L1, L3.

Linearity across the reportable range



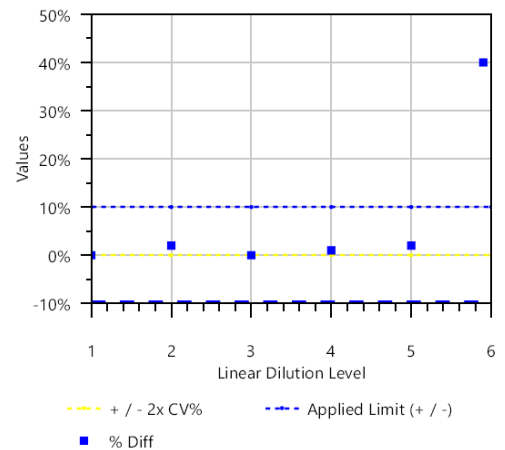
**Peer Group Statistics**

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
# Labs	1	2	3	4	5	10.06
# Data Sets	27.50	527.50	1,027.50	1530	2030	2530
Peer Min	30	530	1030	1530	2030	2530
Peer Median	30	530	1030	1530	2030	2530
Peer Max	30	530	1030	1530	2030	2530

**Peer Group Comparison**

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Peer Mean	1	2	3	4	5	10.06
Observed Mean	27.50	527.50	1,027.50	1530	2030	2530
+/- Difference	30	530	1030	1530	2030	2530
% Difference	30	530	1030	1530	2030	2530
+/- Limit	30	530	1030	1530	2030	2530
% Limit	30	530	1030	1530	2030	2530

% Difference Versus Peer Mean: GC3 LD



**Data Review**

**Reportable Range:** 10.00 to 1,000.00 U/L  
**Verified Range:** 27.5 to 2,527.50 U/L

**Authorizing Signature:** \_\_\_\_\_  
**Name:**

Date: 05/02/2023

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