

**CERTIFICATE OF ANALYSIS (C OF A)**  
**LOW LEVEL TOTAL ORGANIC CARBON (TOC)**  
**W/ 50MLS OF 0.0425 % V/V PHOSPHORIC ACID SOLUTION WITHIN A 60 ML FLAT BTM. VIAL**

This "Certificate of Analysis" represents a precleaned product from C & G Containers that has been prepared in accordance with C & G Containers Performance Based criteria and meets or exceeds analyte product specifications per lot number for Total Organic Carbon (TOC).

DATE VIALS PROCESSED	PROCESSED CONTROL QA LEVEL	CONTAINER (s) / CHEMICAL LOT NO.s	ANALYTICAL CERTIFICATION REPORT NO.s
8 May 2025	Protocol D - 10	Product Lot # - 050825-02EJO Phosphoric Acid LOT # - A0447807  Chemical Expiry Date: 28 November 2027  Precautionary Date: 8 May 2026	VIAL-15MAY2025  Phosphoric Acid - 15MAY2025

**Description:** 60 mL Flat Bottom Clear Borosilicate Vial with Polypropylene Closure / Thin Silicon/PTFE Bonded Septum and Natural Dust Cover containing 50 mLs of 0.0425% PHOSPHORIC ACID (ACS REAGENT GRADE)

PARAMETER ANALYSIS / LIMIT OF DETECTION

ANALYTE	RESULT DETECTION
Total Organic Carbon (TOC)	< 20 µg/L / (< 20ppb)* TOC Contribution from vial containing 50 mLs of 0.0425% Phosphoric Acid Solution

\* Total vial contribution after blank subtraction

This written document is to certify that this lot of containers with included closure and insert ((Bonded) has been tested and found compliant with C & G Container's specifications for this product.

This completed Certificate is provided for your records and can be used as needed to facilitate any required correspondence as needed.

Quality Assurance / Quality Control Approval:

  
Lane Breaux - Chief Executive Officer

Date: 19 May 2025

**PRODUCT DESCRIPTION/ PRODUCT CONFORMANCE SPECIFICATIONS**

Product Number: **LFV060787500**

60 mL Clear Borosilicate Vial with a Polypropylene Closure, PTFE/Silicon Septum and Dust Cover

VIAL SPECIFICATIONS:

MATERIAL COMPOSITION	PRACTICAL VOLUME	QUANTITY/ CASE	DIMENSIONS (HEIGHT)	DIMENSIONS (DIAMETER)
Type I Borosilicate Glass	60 ml	80	140 mm +/- 1.0 mm	27.5 +/- 0.35mm

ONE PIECE CLOSURE WITH LINER:

MATERIAL COMPOSITION	COLOR	SIZE - FINISH	DIMENSIONS THICKNESS
Closure - Polypropylene	White	24-414	----
Septa Liner - Top - Silicon			Silicon - 0.056"
Septa Liner Bottom - PTFE			PTFE - 0.004"

DUST COVER:

MATERIAL COMPOSITION	DIMENSIONS
LD Polypropylene	1.088" (Opening Width) x 0.625" (Inside Height)

Certification Documentation: Total Organic Carbon (TOC) vial only at < 20.0 ppb / 0.0425% Phosphoric Acid \_091724R-AR

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