



**vwr.com**  
1.800.932.5000

**CERTIFICATE OF ANALYSIS (C OF A)  
TOTAL ORGANIC CARBON (<20 PPB)**

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

| DATE PRODUCT PRODUCED | PROCESSED CONTROL QA LEVEL | CONTAINER (s) LOT No.                                 | ANALYTICAL CERTIFICATION REPORT No. ** |
|-----------------------|----------------------------|---|--|
| 6 March 2026          | Protocol D - 10            | Lot# 030626-04ENF<br>Precautionary Date: 6 March 2027 | 09MAR2026                              |

**Description:** C & G Containers 40 ml Clear Borosilicate Vial with Polypropylene Closure / Thin Silicon/PTFE Septum and Natural Dust Cover

**PARAMETER ANALYSIS / LIMIT OF DETECTION**

| ANALYTE                    | QUANTITY DETECTED     |
|----------------------------|-----------------------|
| Total Organic Carbon (TOC) | <20 µg/L / (< 20ppb)* |

\* Total vial contribution after blank subtraction

\*\* Analytical Report of actual TOC results may be obtained per request

This written document is to certify that this lot of containers with included closure and insert (as one piece) 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.

Quality Assurance / Quality Control Approval:

  
Lane Breaux - Chief Executive Officer

Date: 31 March 2026

**PRODUCT DESCRIPTION/ PRODUCT CONFORMANCE SPECIFICATIONS**

**VWR Part Number 76423-176**

40 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 | 40 ml            | 80             | 95 mm +/- 0.5 mm    | 27.25 to 27.75 mm     |

**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     | 31.75 mm x 13.11 mm |

Certification Documentation: Total Organic Carbon (TOC) at < 20.0 ppb Revision 061923-05

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