



GLASS STORAGE VIALS

Sample vials are used for general collection, storing samples, and transportation of samples carefully. Most of the sample vials are made up of Glass and include a separate or attached lid or closure or cap.

Clear Glass Sample Vials with **Polyvinyl Faced Pulp Lined** Phenolic Screw Caps

- Clear screw thread sample vial
- Closed-top black phenolic closure with polyvinyl-faced pulp liner (Packed Separately)
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D. x Height	Item Type	Pack Size
CS-2101-058	1.8 mL(0.5 dr.)	8-425	12 x 35 mm	Short Form	144
CS-2101-113	3.7mL(1 dr.)	13-425	15 x 45 mm	Short Form	144
CS-2101-1513	5.5 mL(1.5 dr.)	13-425	16 x 50 mm	Short Form	144
CS-2101-215	7.4 mL(2 dr.)	15-425	17 x 60 mm	Short Form	144
CS-2101-315	11.1 mL(3 dr.)	15-425	19 x 65 mm	Short Form	144
CS-2101-418	14.8 mL(4 dr.)	18-400	21 x 70 mm	Short Form	144
CS-2201-424	18.5 mL(5 dr.)	24-400	27 x 57 mm	Capsule Form	144
CS-2101-620	22.2 mL(6 dr.)	20-400	23 x 85 mm	Short Form	144
CS-2201-624	22.2 mL(6 dr.)	24-400	28 x 70 mm	Capsule Form	144
CS-2101-822	29.6 mL(8 dr.)	22-400	25 x 95 mm	Short Form	144
CS-2201-924	33.3 mL(9 dr.)	24-400	27 x 95 mm	Capsule Form	144
CS-2201-1124	41.0 mL(11 dr.)	24-400	28 x 108 mm	Capsule Form	144

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Clear Glass Sample Vials with **PTFE-Faced White Rubber Lined** Phenolic Screw Caps

- Clear screw thread sample vial
- Closed-top black phenolic closure with PTFE-Faced white rubber liner (Packed Separately)
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D. x Height	Item Type	Pack Size
CS-2103-058	1.8 mL(0.5 dr)	8-425	12 x 35 mm	Short Form	144
CS-2103-113	3.7 mL(1 dr.)	13-425	15 x 45 mm	Short Form	144
CS-2103-1513	5.5 mL(1.5 dr.)	13-425	16 x 50 mm	Short Form	144
CS-2103-215	7.4 mL(2 dr.)	15-425	17 x 60 mm	Short Form	144
CS-2103-315	11.1 mL(3 dr.)	15-425	19 x 65 mm	Short Form	144
CS-2103-418	14.8 mL(4 dr.)	18-400	21 x 70 mm	Short Form	144
CS-2203-424	18.5 mL(5 dr.)	24-400	27 x 57 mm	Capsule Form	144
CS-2103-620	22.2 mL(6 dr.)	20-400	23 x 85 mm	Short Form	144
CS-2203-624	22.2 mL(6 dr.)	24-400	28 x 70 mm	Capsule Form	144
CS-2103-822	29.6 mL(8 dr.)	22-400	25 x 95 mm	Short Form	144
CS-2203-924	33.3 mL(9 dr.)	24-400	27 x 95 mm	Capsule Form	144
CS-2203-1124	41.0 mL(11 dr.)	24-400	28 x 108 mm	Capsule Form	144

Clear Glass Sample Vials with **Rubber Lined** Phenolic Screw Caps

- Clear screw thread sample vial
- Closed-top black phenolic closure with white rubber liner (Packed Separately)
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D. x Height	Item Type	Pack Size
CS-2102-058	1.8 mL(0.5 dr.)	8-425	12 x 35 mm	Short Form	144
CS-2102-113	3.7 mL(1 dr.)	13-425	15 x 45 mm	Short Form	144
CS-2102-1513	5.5 mL(1.5 dr.)	13-425	16 x 50 mm	Short Form	144
CS-2102-215	7.4 mL(2 dr.)	15-425	17 x 60 mm	Short Form	144
CS-2102-315	11.1 mL(3 dr.)	15-425	19 x 65 mm	Short Form	144
CS-2102-418	14.8 mL(4 dr.)	18-400	21 x 70 mm	Short Form	144
CS-2202-424	18.5 mL(5 dr.)	24-400	27 x 57 mm	Capsule Form	144
CS-2102-620	22.2 mL(6 dr.)	20-400	23 x 85 mm	Short Form	144
CS-2202-624	22.2 mL(6 dr.)	24-400	28 x 70 mm	Capsule Form	144
CS-2102-822	29.6 mL(8 dr.)	22-400	25 x 95 mm	Short Form	144
CS-2202-924	33.3 mL(9 dr.)	24-400	27 x 95 mm	Capsule Form	144
CS-2202-1124	41.0 mL(11 dr.)	24-400	28 x 108 mm	Capsule Form	144

Clear Glass Sample Vials (Without Caps)

- Clear screw thread sample vial
- Closures NOT included
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Caps' Selection is listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D. x Height	Item Type	Pack Size
CS-2101-058WC	1.8 mL (0.5 dr)	8-425	12 x 35 mm	Short Form	144
CS-2101-113WC	3.7 mL (1 dr)	13-425	15 x 45 mm	Short Form	144
CS-2101-1513WC	5.5 mL (1.5 dr)	13-425	16 x 50 mm	Short Form	144
CS-2101-215WC	7.4 mL (2 dr.)	15-425	17 x 60 mm	Short Form	144
CS-2101-315WC	11.1 mL (3 dr)	15-425	19 x 65 mm	Short Form	144
CS-2101-418WC	14.8 mL (4 dr)	18-400	21 x 70 mm	Short Form	144
CS-2203-424WC	14.8 mL (4 dr)	18.5 ml	27 x 57 mm	Capsule Form	144
CS-2101-620WC	22.2 mL (6 dr)	20-400	23 x 85 mm	Short Form	144
CS-2203-624WC	22.2 mL (6 dr)	24-400	28 x 70 mm	Capsule Form	144
CS-2101-822WC	29.6 mL (8 dr.)	22-400	25 x 95 mm	Short Form	144
CS-2202-924WC	33.3 mL (9 dr.)	24-400	27 x 95 mm	Capsule Form	144
CS-2202-1124WC	41.0 mL (11 dr.)	24-400	28 x 108 mm	Capsule Form	144

Amber Glass Sample Vials with White Rubber Lined Phenolic Screw Caps

- Amber screw thread sample vial
- Closed-top black phenolic closure with white rubber liner (packed separately)
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D.x Height	Pack Size
CS-2302-058	1.8 mL (0.5 dr.)	8-425	12 x 35 mm	144
CS-2302-113	3.7 mL (1 dr.)	13-425	15 x 45 mm	144
CS-2302-215	7.4 mL (2 dr.)	15-425	17 x 60 mm	144
CS-2302-418	14.8 mL (4 dr.)	18-400	21 x 70 mm	144
CS-2302-620	22.2 mL (6 dr.)	20-400	23 x 85 mm	144
CS-2302-822	29.6 mL (8 dr.)	22-400	25 x 95 mm	144

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Amber Glass Sample Vials with **PTFE-Faced White Rubber Lined** Phenolic Screw Caps

- Amber screw thread sample vial
- Closed-top black phenolic closure with PTFE-Faced white rubber liner (packed separately)
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D.x Height	Pack Size
CS-2303-058	1.8 mL (0.5 dr.)	8-425	12 x 35 mm	144
CS-2303-113	3.7 mL (1 dr.)	13-425	15 x 45 mm	144
CS-2303-215	7.4 mL (2 dr.)	15-425	17 x 60 mm	144
CS-2303-418	14.8 mL (4 dr.)	18-400	21 x 70 mm	144
CS-2303-620	22.2 mL (6 dr.)	20-400	23 x 85 mm	144
CS-2303-822	29.6 mL (8 dr.)	22-400	25 x 95 mm	144

Amber Glass Sample vials (**Without Caps**)

- Amber screw thread sample vial
- Closures NOT included
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements
- Caps' Selection is listed under Accessories and sold separately



Catalog No.	Capacity	Cap Size	Approx O.D.x Height	Item Type	Pack Size
CS-2302-058WC	1.8 mL (0.5 dr.)	8-425	12 x 35 mm	Short	144
CS-2302-113WC	3.7 mL (1 dr.)	13-425	15 x 45 mm	Short	144
CS-2302-215WC	7.4 mL (2 dr.)	15-425	17 x 60 mm	Short	144
CS-2302-418WC	14.8 mL (4 dr.)	18-400	21 x 70 mm	Short	144
CS-2302-620WC	22.2 mL (6 dr.)	20-400	23 x 85 mm	Short	144
CS-2302-822WC	29.6 mL (8 dr.)	22-400	25 x 95 mm	Short	144

Tooled-Neck Vials

TLG® Tooled-Neck Sample Vials are excellent for packaging drug products. Necks are tooled for an accurate fit with polyethylene closures. Vials and closures are supplied in both pack and case quantities.

- Manufactured from borosilicate glass
- Polyethylene closure
- Ensures tight and accurate fit with the closures.



Catalog No.	Description	Cap Type	Capacity	Approx O.D.x Height	Pack Size
CS-24-1	Clear Glass Tooled-Neck Vials, Open Bottom	Polyethylene Closure	3.7 mL(1dr.)	15 x 45 mm	144
CS-24-2	Clear Glass Tooled-Neck Vials, Open Bottom	Polyethylene Closure	7.4 mL(2dr.)	19 x 48 mm	144
CS-24-3	Clear Glass Tooled-Neck Vials, Closed Bottom	Polyethylene Closure	11.1 mL(3dr.)	21 x 50 mm	144
CS-24-4	Clear Glass Tooled-Neck Vials, Closed Bottom	Polyethylene Closure	14.8 mL(4dr.)	25 x 52 mm	144
CS-24-5	Clear Glass Tooled-Neck Vials, Closed Bottom	Polyethylene Closure	18.5 mL(5dr.)	27 x 55 mm	144
CS-24-7	Clear Glass Tooled-Neck Vial, Closed Bottom	Polyethylene Closure	25.9 mL(7dr.)	29 x 65 mm	144

Scintillation Vials

These scintillation vials fit all standard counting equipment for liquid scintillation systems.

- Borosilicate glass construction
- Fit all standard liquid scintillation counting equipment
- Caps are packed separately
- Each vial includes a white screw cap with a top suitable for marking.



Catalog No.	Capacity	Height	Cap Size	Cap Type	Liner	Style	Pack Size
CS-1000-20	20.00 mL	57 mm	22-400	Polyethylene	Pulp-Backed Foil	Clear Glass	500
CS-1100-20	20.00 mL	57 mm	22-400	Urea/Phenolic	Cone Shaped Polyethylene/Poly-Seal	Clear Glass	500
CS-1200-20	20.00 mL	57 mm	24-400	Polyethylene	Pulp-Backed Foil	Clear Glass	500

TLG™ Economical Glass EPA Vials

Select the right vial for water analysis application using EPA guidelines. TLG™ EPA Screw Vial Convenience Kits are available in and unassembled Manufactured from Borosilicate glass Clear vials for general analysis; amber vials for light-sensitive materials.

- Glass vials for collection of water and soil samples for Volatile Organic Analysis. GPI thread, 24-400
- Can be sealed with polypropylene caps and PTFE / silicone septa. Used for volatile organic analysis to collect water samples.
- Vials processed according to Level 3 are not pre-cleaned and are ready for your own cleaning procedure.
- Level 3 glass vials and caps meet EPA recommended guidelines for sample container material component specifications.

Includes: Vials are supplied with white open-top polypropylene caps with 3 mm (0.125") PTFE/silicone septa. Caps Packaged separately.



Catalog No.	Capacity	Approx O.D. x Height	Style	Pack Size
CS-V1001-2420	20.00 mL	27 x 57 mm	Clear Glass	144
CS-V1002-2420	20.00 mL	27 x 57 mm	Amber Glass	144
CS-V1003-2440C	40.00 mL	27 x 95 mm	Clear Glass	144
CS-V1004-2440	40.00 mL	27 x 95 mm	Amber Glass	144
CS-V1005-2460	60.00 mL	28 x 140 mm	Clear Glass	72
CS-V1006-2460	60.00 mL	28 x 140 mm	Amber Glass	72

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