



	Standard	E-Z Extraction®	NextGen™ V Vials®	ELITE®
Description	Inverted Bottom, Thin-Walled	Round V Bottom, Thin-Walled	Pointed V Bottom, Thick-Walled	High Recovery Bottom
Material	Glass or Plastic	Glass	Glass	Plastic
Residual Volume (2mL vials)	112.5µL	29.4µL	1.5µL	0.4µL
Standard Cost (2mL vials)	\$0.10	\$0.85	\$1.00	\$0.10
Fills / Batch (50,000mL)	31,007	32,692	33,300	33,324
Total Cost @\$50 / dose	\$1.55m	\$1.66m	\$1.70m	\$1.67m
Total Revenue @\$200 / dose	\$6.20m	\$6.54m	\$6.66m	\$6.60m
Total Waste	3,490mL	962mL	50mL	14mL

WHEATON offers a selection of high recovery vials designed to maximize sample recovery and decrease sample waste. Above is a case study of the proposed savings based on our different 2mL vial formats.

High Recovery Vial Selection Guide



Product Highlights

CryoELITE® Cryogenic Vials Freestanding A	NextGen™ V Vials® B	E-Z Ex-Traction® Vials C
<ul style="list-style-type: none"> • Unrivaled cap seal exceeds DOT and IATA regulations ensuring ultimate protection of samples during transportation and demanding freeze-thaw handling • Optional 2D Data Matrix Bar Code Insert provides unique identifier for traceability • Bottom format allows unrestricted view of 2D bar code for convenient automated scanning • Made from low binding, cryogenic grade virgin polypropylene • Lot certified RNase / DNase and endotoxin free and non-pyrogenic providing assurance for sample integrity • Loctagon™ Vial Skirt provides stability in freestanding position and locks into CryoELITE® Benchmate Rack in order to provide easy open and close with one hand • Colored caps allow for color coding projects along with WHEATON colored freezer and storage boxes 	<ul style="list-style-type: none"> • Conical interior provides downward drainage for maximum sample retrieval • Clear vials conform to USP Type I and ASTM E 438 Type I, Class A requirements • Low particulate packaging protects against contamination during transportation and storage • Clear vials conform to USP Type I and ASTM E 438 Type I, Class A requirements • Amber vials made from amber borosilicate glass that conforms to USP Type I requirements for light transmission to protect light-sensitive products • Graduated or non-graduated • Choose screw thread or crimp / serum finish • Closures for crimp / serum finish vials can be purchased separately 	<ul style="list-style-type: none"> • Conical well ensures maximum sample recovery • Quality engineered for automated sample handling systems • Excellent for chemical compound or biological sample storage • Made from low extractable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements • Vials can be easily bar coded using WHEATON customized services • Screw caps can be purchased separately

For more information on WHEATON products, please visit www.wheaton.com