Certi Tube
不純物証明書＆メモリ付きポリプロピレン製 容器

Certi Tube
○100mL、50mL、15mLの3種類。



○不純物濃度証明書が付属。
○各メモリ毎に公差証明が付いています。
○ディスポーサブルで使用可能な価格設定。

○容器の移し替えをする作業(手間、時間)を削減し、
ガラス器具由来の金属コンタミリスクも軽減！
保存容器として使用できます。

○容器本体とキャップの材質が同じ商品です。(50mLと15mLのみ)
※100mL容器のフタはPE製です。透明ではありません。





○110℃の耐熱性があり分解容器としても使用可能。
＜注意＞130℃以上の温度では使用できません。

※洗浄済みではありませんので、洗浄してからのご使用を推奨しております。

environmental express

Digestion Vessels - Certificate of Volume Accuracy and Metals Background

Representative samples of this lot of digestion cups have been tested for volume accuracy at all graduation lines by the procedures set forth in ASTM E542-01 *Standard Practice for Calibration of Laboratory Apparatus*. Volume accuracy was found to be within the Class A tolerance set forth in ASTM 1272-02 *Standard Specification for Laboratory Glass Graduated Cylinders*. Balances used in test procedures are certified yearly and traceable to NIST. Complete test results and test conditions are available at www.envexp.com.

Metals Background Analysis Report

Samples of disposable digestion cups are collected randomly from each manufacturing lot for analysis. Blank samples are digested and analyzed using current ICP-MS or CVAFS methodology. Results are reported in the chart below. Field results may vary with environmental conditions, analytical techniques, and handling procedures. Care should be taken in storage and handling to prevent background contamination.

Element	Results (ug/L)	Element	Results (ug/L)	Element	Results (ug/L)	Element	Results (ug/L)	Element	Results (ug/L)	Element	Results (ug/L)
Ag	< 0.5	Cr	< 5	Ho	< 0.5	Nd	< 0.5	Sb	< 1	Tm	< 0.5
Al	< 50	Cs	< 0.5	In	< 0.5	Ni	< 2	Sc	< 0.5	U	< 0.1
As	< 2	Cu	<1	Ir	< 0.5	Os	< 0.5	Se	< 2	V	< 5
Au	< 1	Dy	< 0.5	K	< 300	P	< 50	Si	< 100	W	< 0.5
B	< 15	Er	< 0.5	La	< 0.5	Pb	< 2	Sm	< 0.5	Y	< 0.5
Ba	< 2	Eu	< 0.5	Li	< 1	Pd	< 0.5	Sn	< 5	Yb	< 0.5
Be	< 0.1	Fe	< 100	Lu	< 0.5	Pr	< 0.5	Sr	< 5	Zn	< 7.5
Bi	< 0.5	Ga	< 1	Mg	< 30	Pt	< 2	Ta	< 0.5	Zr	< 2
Ca	< 300	Gd	< 0.5	Mn	< 5	Rb	< 0.5	Tb	< 0.5	**Lot Number:**	
Cd	< 0.5	Ge	< 0.5	Mo	< 0.5	Re	< 0.5	Te	< 1		
Ce	< 0.5	Hf	< 0.5	Na	< 250	Rh	< 0.5	Ti	< 5	LV24010607	
Co	< 0.5	Hg	< 0.0005	Nb	< 0.5	Ru	< 0.5	Tl	< 0.1		

Contact us for more information!
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不純物証明書が付属します

公差証明書は、
HPで確認できます

サンプルのお試しをご希望の際は、ご連絡ください！

◎公差証明書
ロット毎にHPより確認出来ます。

○15mL 証明書

Volume Test SC415 **Lot#: LV24080204**

Date: 01/07/2025
Air Temp: 24.3 °C
Water Temp: 24.3 °C
Water Density: 0.99722 g/cm³

Cavity	2
5mL Wt	5.12
Tolerance	0.11
10mL Wt	10.02
Tolerance	0.01
15mL Wt	15.15
Tolerance	0.10

Class A Tolerance +/- 0.25mL

All weights reported in grams (g).
All weights reported in grams (g).
All weights are adjusted based on Water Density at time of testing.
Class A Tolerance based on "To Contain" requirements of Class A graduated cylinder.

Wt = Total raw weight of water (g) prior to density adjustment

Testing performed by: Sandy McLaughlin

○100mL 証明書

Volume Test SC490 **Lot#: LV24090106**

Date:
Air Temp: 24 °C
Water Temp: 24 °C
Water Density: 0.9973 g/cm³

Cavity	1	2	3	4
10mL Wt	10.15	10.02	10.00	10.17
Tolerance	0.12	0.01	0.03	0.14
25mL Wt	25.02	25.05	25.03	25.01
Tolerance	0.05	0.02	0.04	0.06
50mL Wt	50.07	50.14	50.09	50.13
Tolerance	0.07	0.00	0.05	0.01
75mL Wt	75.11	75.04	75.11	75.08
Tolerance	0.09	0.16	0.09	0.12
100mL Wt	100.08	100.13	100.19	100.05
Tolerance	0.19	0.14	0.08	0.22

Class A Tolerance +/- 0.25mL

All weights reported in grams (g).
All weights reported in grams (g).
All weights are adjusted based on Water Density at time of testing.
Class A Tolerance based on "To Contain" requirements of Class A graduated cylinder.

Wt = Total raw weight of water (g) prior to density adjustment

Testing performed by: Sandy McLaughlin

○50mL 証明書

Representative Samples of 50mL Digestion Cups for Volume Accuracy					
Part #s	UC475	UC474	UC482	UCC000-50	**Lot# LV25030103**

Test Date:	08/28/2025	
Air Temp:	24.05	°C
Water Temp:	24.05	°C
Water Density:	0.99739	g/cm³

Cavity	14	18	20	23	61	65	72	75	Mean	RSD
5mL Wt	5.01	5.00	4.99	4.98	4.99	4.99	5.00	4.99	4.99	0.17%
Tolerance	0.00	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	
10mL Wt	10.00	10.00	9.99	9.98	9.99	9.98	9.99	9.98	9.99	0.09%
Tolerance	0.02	0.03	0.04	0.05	0.04	0.05	0.04	0.05	0.04	
15mL Wt	14.99	14.98	14.99	14.97	14.99	14.99	14.98	14.99	14.99	0.05%
Tolerance	0.05	0.06	0.05	0.07	0.05	0.05	0.06	0.05	0.05	
20mL Wt	19.98	19.99	19.98	19.99	19.98	19.99	19.98	19.99	19.99	0.03%
Tolerance	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	
25mL Wt	24.99	24.98	24.99	24.98	24.99	24.98	24.99	24.98	24.99	0.02%
Tolerance	0.00	0.09	0.08	0.09	0.08	0.09	0.08	0.09	0.07	
30mL Wt	29.98	29.99	29.97	29.99	29.98	29.99	29.98	29.99	29.98	0.02%
Tolerance	0.10	0.09	0.11	0.09	0.10	0.09	0.10	0.09	0.09	
35mL Wt	34.99	34.98	34.99	34.98	34.99	34.98	34.99	34.99	34.99	0.01%
Tolerance	0.10	0.11	0.10	0.11	0.10	0.11	0.10	0.10	0.10	
40mL Wt	39.99	39.98	39.98	39.99	40.00	39.99	39.98	39.99	39.99	0.02%
Tolerance	0.11	0.12	0.12	0.11	0.10	0.11	0.12	0.11	0.12	
45mL Wt	44.97	44.99	44.98	44.99	44.99	44.97	44.99	44.97	44.98	0.02%
Tolerance	0.15	0.13	0.14	0.13	0.13	0.15	0.13	0.15	0.14	
50mL Wt	49.99	49.98	49.99	49.98	49.99	49.98	49.99	49.98	49.99	0.01%
Tolerance	0.14	0.15	0.14	0.15	0.14	0.15	0.14	0.15	0.15	

Class A Tolerance +/- 0.25mL

All weights reported in grams (g).
All weights reported in grams (g).
All weights are adjusted based on Water Density at time of testing.
Class A Tolerance based on "To Contain" requirements of Class A graduated cylinder.

Wt = Total raw weight of water (g) prior to density adjustment

Testing performed by: Sandy McLaughlin

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