

UltimateCup™ FAQs

From what material are the UC475 digestion cups made?

They are molded from a clarified homopolymer polypropylene which assures higher working temperatures and greater chemical resistance than the commonly used co-polymer polypropylene.

How much volume do the UC475 digestion cups hold?

The digestion cups are graduated to 50mL and have a total capacity of 68mL.

From what materials are the UC475 caps made?

The UC475 digestion cups have three cap options: green caps, white caps, and natural, linerless. The green and white caps are 33mm threaded caps lined with a 0.040 polyethylene-faced foam liner for a leak-proof seal. The natural, linerless cap is made from the same resin as the UC475 and does not have a liner.

Are UC475s certified?

Yes! The UltimateCup™ digestion cups are made from the same resin you've come to trust. All of our digestion cups are certified for 68 elements and volume certified for each graduation.

What is the maximum operating temperature for the UC475 digestion cups?

Polypropylene has a melting point of 130°C. At this temperature, the cups begin to soften and deform.

Are they Class A certified?

No. The term Class A applies only to glass, not plastic. However, the volume accuracy of the UC475 digestion cups are within the Class A tolerances set forth in ASTM 1272-02 *Standard Specification for Laboratory Glass Graduated Cylinders*.

What are the improvements of the UltimateCup™?

- **Stronger** - increased wall strength provides even more durability for digesting with concentrated acids
- **Easier to Fill** - graduation lines have been added to both sides of the cup, and interfering vent lines are gone forever!
- **Cap Options** - a new linerless cap option to go with our polyethylene-faced lined cap
- **Tighter Seal** - a redesigned screw thread profile tightens the seal and engages our FlipMate® System more securely
- **Wobble Free** - a deeper dimple on the bottom of the cup adds extra stability