

Product Certificate

for 1 000 mL Oval Bottles (75007300)



This information is the product certification for item #: 75003870

Description: 1 000 mL Oval Bottle (sets of 4)

Lot #: See packaging

Part Number	Description	Common Name	FDA Compliance - 21 CFR, Part 177 for Indirect Food Additives: Polymers
50128729	1 000 mL Centrifuge Bottle	Component Part	See corresponding resin information for applicable FDA Indirect Food Additives: Polymers compliance.
	Resin used for Bottle	Polypropylene Copolymer (PPCO)	CFR, Title 21 (2014), 177.1520 (a)(1)(i) and (c)1.1a This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. Meets the requirements of the respective FDA regulations, FCNs, and 21 CFR 177.1520(b). 21 CFR 177.1520 for food contact applications listed under conditions of use A through H in 21 CFR 176.170 (c), Table 2., and can be used in contact with all food types as listed in 21 CFR 176.170 (c), Table 1.
50151129	1 000 mL Bottle Cap	Component Part	See corresponding resin information for applicable FDA Indirect Food Additives: Polymers compliance.
	Resin used for Cap	Polypropylene Copolymer (PPCO)	CFR, Title 21 (2014), 177.1520 (a) (1) (i) and (c) (1.1a); all other ingredients meet their respective FDA regulations and 21 CFR 177.1520 (b) 21 CFR 177.1520 for food contact applications listed under conditions of use A through H in 21 CFR 176.170 (c), Table 2., and can be used in contact with all food types as listed in 21 CFR 176.170 (c), Table 1.

NOTE The corresponding resins for the component parts listed above meet requirements of 21 CFR, Part 177 for Indirect Food Additives: Polymers of the Federal Food and Drug Act as noted above. Any information provided by Thermo Fisher Scientific herein does not relieve customers and/or users of their responsibility for determining the suitability of products, including validation of compliance, in conjunction with their particular application.

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S C I E N T I F I C

Product Specifications

Life time: 500 cycles

Capacity: 1 000 mL

Capable of spinning at any fill level with max. speed: 7 187 x g

Temperature range: 2–40 °C

Autoclavable: bottle and closure, 20 cycles at 121 °C for 15 minutes

Rotor Compartment Load

Bottles may be filled with up to 1 000 mL. At 1 000 mL the liquid level will be at the first thread of the bottle neck.

WARNING If the maximum compartment mass is exceeded, the speed or fill level must be reduced. Failure to do so can result in personal injury and/or centrifuge damage. Check the centrifuge and rotor manuals for maximum allowable compartment load.

Cleaning

Soak centrifuge bottles in warm water with a mild, non-alkaline detergent to loosen debris. Hand wash and rinse thoroughly, with final rinse in distilled (or deionized) water. Do not use abrasive cleaners or brushes. Allow to air dry.

NOTE Do not autoclave bottles with closures engaged to prevent collapse of bottles when cooling. **NOTE** Immediately remove from service if crazing is visible.

Chemical Resistance Chart for Resin PPCO

Acids, dilute/weak	S
Acids, strong/concentrated	S
Acetone	S
Alcohols	S
Aldehydes	M
Bases	S
Ethers	M
Formaldehyde (40%)	S
Hydrocarbons/aliphatic	M
Hydrocarbons/aromatic	M
Hydrocarbons/halogenated	M
Hydrochloric Acid (20%)	M
Ketones	M
Oxidizing agents, strong	U
Phenol (Carbolic Acid)	M
Phosphoric Acid (S40%)	S
Potassium Hydroxide (Caustic Potash)	S
Sodium Hydroxide (20%)	S
Sodium Hypochlorite (<20%)	M
Sulfuric Acid (<10%)	U

S = Satisfactory

M = Marginal, may or may not be satisfactory for centrifugation depending on length

U = Unsatisfactory; not recommended for use