

# WATSON®

# centrifuge tube

New centrifugal tube featuring useful functions as well as reliable made-in-Japan quality.

## Half plug seal



Writable cap top & high sealing property achieved by adoption of half plug seal.

## Sealing point



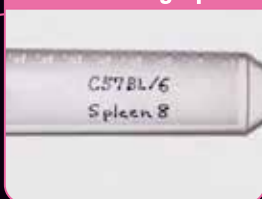
The proper cap torque position is informed by the click, when one of the 3 protrusions inside the lid fits into the groove on the tube.

## Tripple thread screw



Less rotation is necessary to open/close a cap, and the cap is never screwed on at the wrong angle, with this tripple thread screw.

## Wide writing space

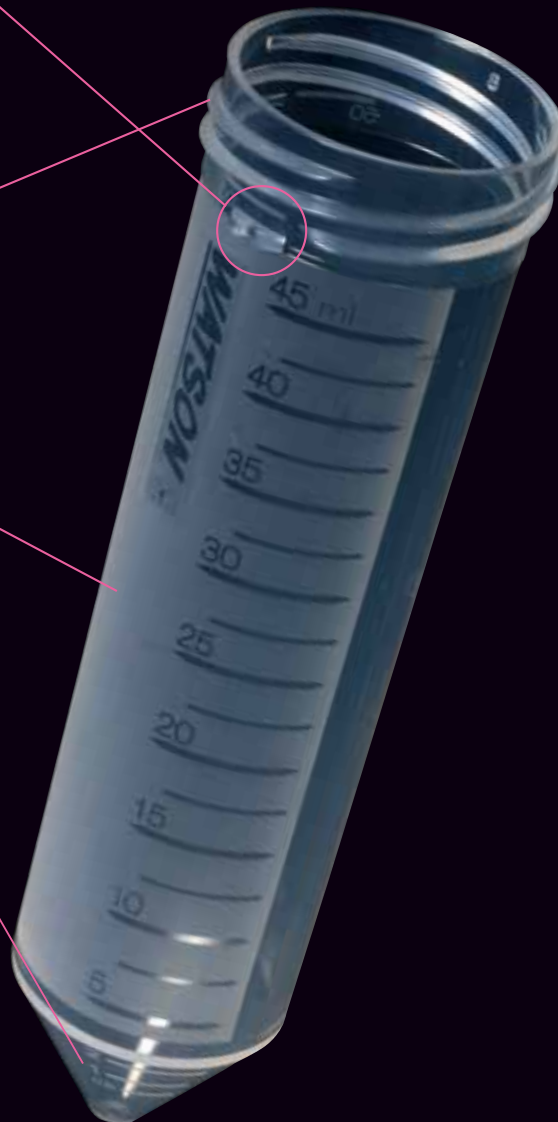


Wide area is frosted for writing space.

## High precision-graduation to the cone top



The graduation is molded so that it does not fade away and has realized excellent precision. Graduation is molded to 0.5ml line at the top cone.



Body: virgin polypropylene  
Cap: HDPE(not autoclavable)  
Centrifugal force: refer to the back page.  
DNase/RNase free  
Pyrogen test results: Endotoxin level less than 0.05EU/ml  
\* according to our internal test

| Cat. No.  | Item                               | Packaging                              |
|-----------|------------------------------------|--|
| 1342-050S | 50ml centrifuge tube               | Sterilized 480 pcs.(24 pcs. x 20 bags) |
| 1332-015S | 15ml centrifuge tube               | Sterilized 480 pcs.(48 pcs. x 10 bags) |
| 1342-550S | 50ml self-standing centrifuge tube | Sterilized 480 pcs.(24 pcs. x 20 bags) |

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For Research  
Made in JAPAN

# centrifuge tube



**Sterilized**

Centrifugal tube is sterilized in a closed condition and the inside of the tube maintains sterilized condition after unpackaged.



15 ml

50 ml

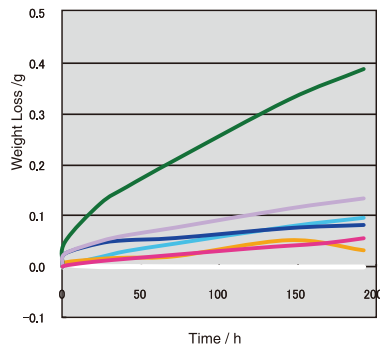
50 ml Self-standing

## Sealing property test

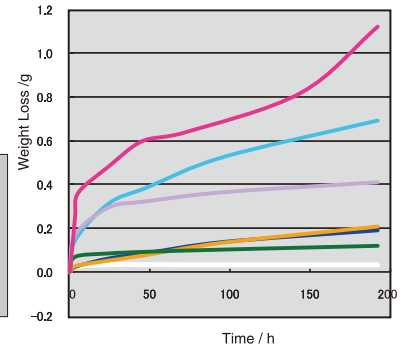
**[Test condition]**

Fill centrifuge tube with 100% EtOH to 80% of the max. volume (40ml for 50ml tube, 12ml for 15ml tube). Place the tube upside down under the room temperature and check weight loss with time.

**[Result] 15ml centrifuge tube**



**50ml centrifuge tube**



WATSON  
Other companies [A]  
Other companies [B]  
Other companies [C]  
Other companies [D]  
Other companies [E]  
Other companies [F]

## About Sealing Point



① The best sealing position when a protrusion on a cap fits into the groove.



② Way over the best sealing position when a protrusion on a cap goes over the groove.



③ Not enough sealing or possible leakage when a protrusion on a cap stays behind the groove.

\*Position ① is recommended, although ② is no problem.



## Centrifugal strength test



**[Test condition]**

Centrifuge: TOMY MX-305  
Temp.: 20°C  
Distilled water: 40ml for 50ml CF tube  
12ml for 15ml CF tube  
Rotor: AR-510-04  
Centrifugation time: 5 minutes

**[Results]**

15ml centrifuge tube  
18,000×G (14,100 RPM)  
50ml centrifuge tube  
18,000×G (14,100 RPM)



※All the data shown here are our internal data from the tests implemented by Fukae Kasei Co., Ltd., which are not used to guarantee product's performance.

Something Different.  
**WATSON** BIO LAB  
MADE IN JAPAN SINCE 1988

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※The specification and the price etc. of the product might change without a previous notice.