

### 26000 TUBE, ABSORPTION, SCHWARTZ

Schwartz type absorption tube, with hollow medium length  $\text{S}$  stoppers. Each stopper hole aligns with side hose connector for on-off action.

$\text{S}$ Stopper	12/18	14/20	19/22	24/25
Tube O.D., mm	14	17	22	25

### 26001 TUBE, ABSORPTION, SCHWARTZ

Similar to 26000, except with  $\text{S}$  12/5 ball and socket joints on side tubes.

$\text{S}$ Stopper	12/18	14/20	19/22	24/25
Tube O.D., mm.	14	17	22	25

### 26010 TUBE, BLOOD SUGAR, FOLIN-WU

Used for the determination of blood sugar and for the determination of creatine plus creatinine. Graduated at 25 ml. Ref: Journal of Biological Chemistry, 41, 372 (1920).

### 26011 TUBE, BLOOD SUGAR, KRAMER-GITTLEMAN

Used for the determination of blood sugar with small amounts of blood samples. Graduated at 4, 6, 12.5 and 25 ml. Ref: Journal of American Medical Assn., 1171 (1923).

### 26030 TUBE, BULB, RAMSBOTTOM

Used for the determination of carbon residue in petroleum products. Approximate O.D. of body, 25 mm; approximate overall length, 57 mm. Ref: ASTM D 524.

### 26040 TUBE, CONNECTING, STRAIGHT

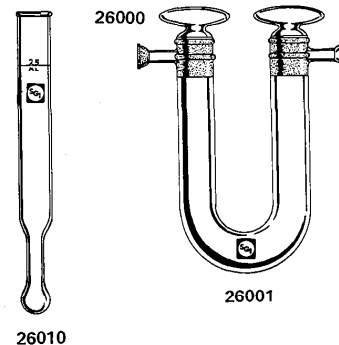
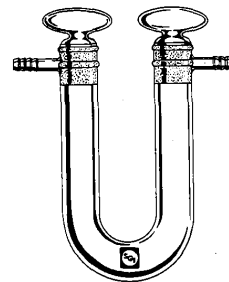
Straight connecting tube with serrated hose connectors at each end.

Size	Tube O.D., mm.	Connector Size,
A	8	1
B	10	2
C	12	3

### 26041 TUBE, CONNECTING, T-SHAPED

T-shaped connecting tube with serrated hose connectors.

Size	Tube O.D., mm.	Connector Size
A	8	1
B	10	2
C	12	3



26010

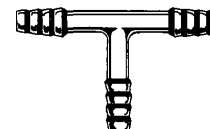
26001



26011



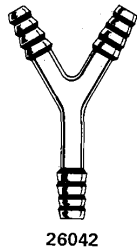
26030



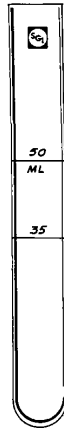
26041



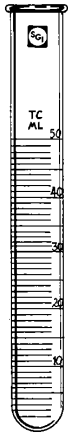
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26042



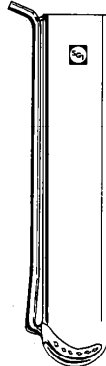
26050



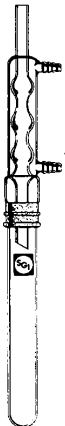
26060



26070



26080



26090



26100

### 26042 TUBE, CONNECTING, Y-SHAPED

Y-shaped connecting type with serrated hose connectors.

Size	Tube O.D., mm.	Connector Size
A	8	1
B	10	2
C	12	3

### 26050 TUBE, DIGESTION, FOLIN-WU

Used for non-protein nitrogen determinations of blood with dilution and nesslerization conducted in the same tube without distillation. Graduated at 35 and 50 ml. Ref: Journal of Biological Chemistry, 38:87 (1919).

### 26060 TUBE, EMULSION

Used for the approximate evaluation of resistance of uninhibited turbine oils to emulsification. Graduated to 50 ml. in 1 ml. subdivisions; numbered every 10 ml. Ref: ASTM D 157, A.P.I. No. 515 and A.S.A. NoZ-11: 15.

### 26070 TUBE, EXTRACTION, SHAKER

Tapered bottom shaker-extraction tube with  $\frac{3}{8}$  13 flat head stopper. Approximately 35 ml. capacity to bottom of stopper.

### 26080 TUBE, CORROSION

Lead corrosion vessel with sealed in dispersion tube at bottom. Approximate capacity, 800 ml. Ref: Federal Test Method Standard No. 791, Tentative Standard Method 5321-T.

### 26090 TUBE, CORROSION TEST

Used to determine corrosiveness and oxidation stability of lightoils, Accomodates 1" x 1" square metal test specimens.  $\frac{3}{8}$  17/60 joint connects Allihn type condenser to 500 mm. long test tube. Complies with Federal Test Method Standard No. 791, Method 5308.

Part	Item
A	Condenser
B	Test Tube

### 26100 TUBE, GRADUATED

Graduated tube open at both ends. Provided for the fabrication of special volumetric devices. Top has beaded lip.

Capacity, ml.	10	25	50	100	250	500	1000
Approx. Length, mm.	400	450	650	700	450	550	675
Scale Length	275-350	300-400	500-575	550-650	300-350	400-450	500-550
Subdivisions, ml.	1/20	1/10	1/10	1/5	1	5	10
Capacity, ml.	2000		4000				
Approx. Length	950		875				
Scale Length	725-780		675				
Subdivisions, ml.	10		25				



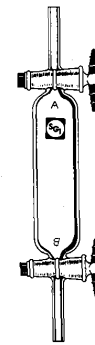
## 26110 HEMAGLUTINATION TUBES

These tubes are fabricated from Type #1, Class A, clear borosilicate glass.

Size	Diameter mm.	Height mm.
6 x 50	6	50
13 x 75	13	75



26110



26120

## 26120 TUBE, SAMPLING, DISSOLVED OXYGEN, McLEAN

Used for dissolved oxygen test of industrial water. Capacity 500 ml. ±5 ml. with end tubes graduated to contain 2 ml. plus the volume of the stopcock bore. Ref: ASTM D888.

## 26120-A TUBE, SAMPLE, TEFLON® STOPCOCK

Glass sampling tube with Teflon Stopcocks, 500 ml. capacity. Used in tests for Sulfite Ions in industrial water. Ref.: ASTM D1339.



26120-A



26130

## 26130 TUBE, TEST, ⚗ INNER

Round bottom test tube with ⚗ inner joint. Lengths specified exclude joints.

Normal Capacity, ml.	5	10	25	50	100
⚗ Joint	14/20	19/22	24/25	24/25	29/26
O.D., mm.	13	17	22	22	25
Length, mm.	80	80	120	200	300

## 26140 TUBE, TEST, ⚗ OUTER

Round bottom test tube with ⚗ outer joint. Lengths specified exclude joints.

Normal Capacity, ml.	5	10	25	50	100
⚗ Joint	12/18	14/20	19/22	24/25	29/26
O.D., mm.	14	17	22	25	32
Length, mm.	80	80	120	150	200



26140



26150

## 26150 TUBE, TEST, ⚗ STOPPER

Round bottom test tube with solid flat head ⚗ stopper. Length specifications denote distance from bottom of stopper to bottom of tube.

Nominal Capacity, ml.	5	10	25	50	100
⚗ Stopper	9	13	16	19	22
O.D., mm.	13	16	19	22	28
Length, mm.	80	100	150	200	250



26160

## 26160 TUBE, TEST, GRADUATED

Graduated test tube with beaded rim at top.

Capacity, ml.	5	10	25	50	100
Subdivisions, ml.	1/10	2/10	1/2	1/2	1



26161

## 26161 TUBE, TEST, GRADUATED, ⚗ STOPPER

Identical to 26150, except graduated. Supplied with ⚗ stopper.

Capacity, ml.	5	10	25	50	100
Subdivisions, ml.	1/10	2/10	1/2	1/2	1

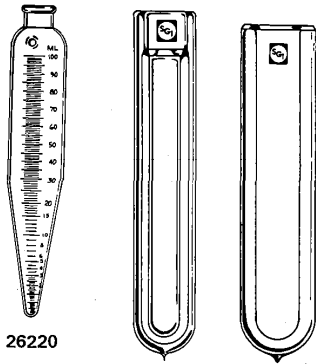
### 26220 TUBE WEATHERING TEST, GRADUATED, 100 ml

Tube measures 37 mm O.D. by 200 mm long. Graduated upward to 9.5 ml in divisions of 0.05 ml, from 0.5 ml to 3 ml in 0.1 ml divisions from 3 ml to 5 ml to 0.5 ml divisions and from 5 ml to 100 ml in 1 ml divisions. Made with 1/8 inch vent hole near top.

For testing propane, butane and isobutane mixtures.

Reference: California Natural Gasoline Association.

Specifications TS-441-3.



26220



26230



26231

### 26230 TUBE, STYRENE FREEZING POINT

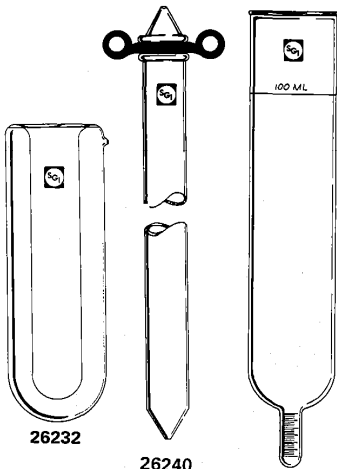
The tube measures 32 mm O.D. x 223 mm long. The second tube measures 25 mm O.D. The inner tube is 19 mm O.D. x 200 mm long. The tube is used in the determination of the purity of Styrene by freezing. The outer jacket is evacuated.

### 26231 TUBE, BENZENE FREEZE POINT

Used in the determination of the freezing point of Benzene. Size of Tube is 25 mm. O.D. x 115 mm. long.

### 26232 TUBE, KEROSENE FREEZE POINT

Used in the determination of the freezing point of Kerosene. Size of Tube is 51 mm. O.D. x 175 mm. long.



26232

26240

26270

### 26240 TUBE, TANK THIEF

Designed according to ASTM D270 specifications with aluminum finger grips for holding while sampling drum. Small hole in top allows maintaining sample by shutting it off with thumb.

### 26270 TUBE, MOISTURE, ANHYDROUS AMMONIA

Designed for detecting moisture in Anhydrous Ammonia. Tail on bottom contains 1 ml. graduated in .05 ml. divisions. Total volume is 100 ml.

### 26271 TUBE, SAMPLE

Reduced lower section Sample Tube for use in centrifuge sample determinations. Size of Tube is 32 mm. O.D. upper section by 20 mm. O.D. lower section by 127 mm. long.

### 26280 TUBE, SCHILLING

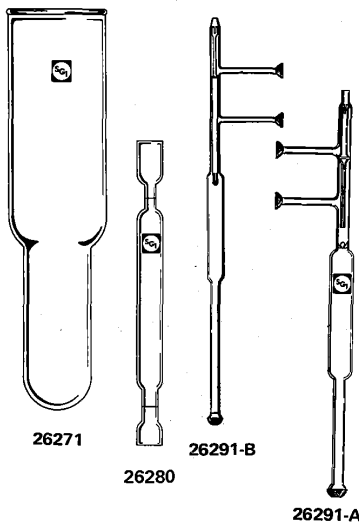
Tube for determination of specific gravity of gases by the effusion method.

### 26291-A TUBE, COMBUSTION, QUARTZ

Combustion Chamber which is primarily used in microcoulometric electrochemical analysis for sulfurs, halogens, and nitrogens.  $\text{J}$  Joints are 12/5 and 18/9.

### 26291-B TUBE, COMBUSTION, QUARTZ

Same as 26291A, except with improved sample inlet system.  $\text{J}$  Joints are 12/5 and 18/9.



26271

26280

26291-B

26291-A

## 26291-C TUBE, COMBUSTION, QUARTZ

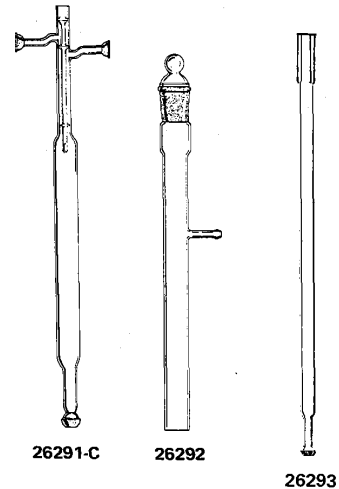
Same as 26291, except with modified sample inlet system.  $\text{J}$  Joints are 12/5 and 18/9.

## 26292 TUBE, COMBUSTION, QUARTZ

Combustion Tube for the analysis of synthetic elastomers. Stopper is fabricated of borosilicate glass. Ref: ASTM D-1416.

## 26293 TUBE, COMBUSTION, QUARTZ

Used for determination of sulfur and nitrogen compounds in microcoulometric determinations. Combustion chamber tube is 12.75" with 12 mm O.D.



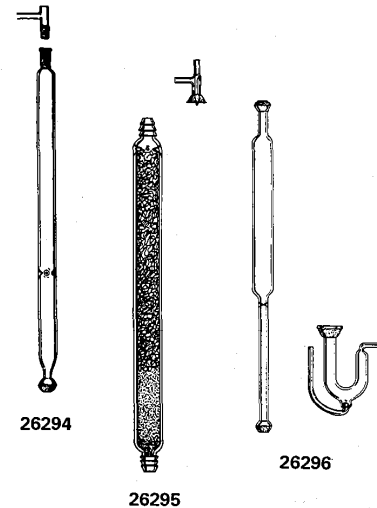
## 26294 TUBE, COMBUSTION, QUARTZ †

Quartz Combustion Tube and Adapter for determinations of total and organic carbon analysis. Combustion Tube is made of 16mm O.D. x 12.5mm I.D. Quartz. Tube has 18/9  $\text{J}$  Ball Joint on effluent side and  $\text{J}$  10/30 outer Joint on inlet side. Syringe adapter is  $\text{J}$  10/15 Quartz inner Joint.

Description	Part
Combustion Tube	A
Syringe Adapter	B
Complete	C

## 26295 TUBE, REDUCTION COLUMN †

Cadium-Cooper Reduction Column for the determinations of Nitrogen and Nitrate-Nitrite in industrial water and industrial waste waters. Ref.: F.W.P.C.A. Methods for Chemical Analysis of Waters and Wastes.



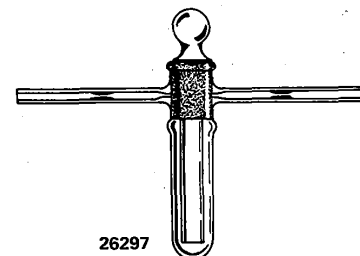
## 26296 TUBE, COMBUSTION, MODIFIED †

Combustion Tube which has been modified to enlarge the vapor area in the combustion zone. The tube is used in commercially available total carbon analyzers. Material in the tube and syringe adapter is quartz. All Joints are  $\text{J}$  18/9. Effluent condenser is made from Borosilicate glass.

Description	Part
Combustion Tube	A
Syringe Adapter	B
Effluent Condenser	C
Complete	D

## 26297 TUBE, COMBUSTION ABSORPTION

Absorption Tube for scrubbing out exit gases from micro combustion analysis techniques. Joint is  $\text{J}$  10/15; body length is 30 mm. x 10 mm. O.D.; side arms are 4 mm. O.D.





## SGI Centrifuge Tubes

SGI's Oil Centrifuge tubes are manufactured to meet ASTM D-96 and API Chapters 10.3, 10.4, and 18.8 methods for determining sediment and water content of crude oils. All verified tubes are serialized and are supplied with a 15 or 16 point actual value certificate indicating actual volumes corrected to 20° C at points reported. All testing is done per NIST (NBSIR 74-461) and ASTM (E-542-93) procedures utilizing NIST traceable equipment. All SGI centrifuge tubes are volumetrically calibrated at each subdivision, not just the major divisions and subdivided as other manufacturers do. Each tube is then acid engraved and filled with either white or yellow permanently fused ceramic filler.

With over 40 years experience in fine glassware fabrication, it only makes sense to call SGI for your Centrifuge tube needs.

- 26500** Centrifuge Tube, 100ml, 6" (163mm) with tooled cork finish neck graduated as follows:
- |                               |                              |
|-------------------------------|------------------------------|
| 0.025ml to 0.050ml in 0.025ml | 3.000ml to 5.00ml in 0.500ml |
| 0.050ml to 0.500ml in 0.050ml | 5.00ml to 10ml in 1.00ml     |
| 0.500ml to 2.00ml in 0.010ml  | 10.00ml to 25.00ml in 5.0ml  |
| 2.000ml to 3.00ml in 0.200ml  | Line & Number @ 50ml & 100ml |

- 26500-0010 Standard tube, Factory Tolerances  
 26500-0020 Standard tube, Serialized with Certificate of Tolerances  
 26500-0030 Factory Verified with 16 point Actual Value Certificate



26500

26510

- 26510** Centrifuge Tube, 100ml, 8" (200mm) with cork finish neck and graduated as above except Line & Number @ 75ml is added.

- 26510-0010 Standard tube, Factory Tolerances  
 26510-0020 Standard tube, Serialized with Certificate of Tolerances  
 26510-0030 Factory Verified with 16 point Actual Value Certificate

- 26520** Centrifuge Tube, 100ml, 6" (163mm) with 24-400 threaded neck and supplied with foil lined phenolic cap. Tube graduated as above.

- 26520-0010 Standard tube, Factory Tolerances  
 26520-0020 Standard tube, Serialized with Certificate of Tolerances  
 26520-0030 Factory Verified with 16 point Actual Value Certificate



26520

26530

- 26530** Centrifuge Tube, 100ml, 8" (200mm) with 24-400 threaded neck and supplied with foil lined phenolic cap. Tube graduated as above except Line & Number @ 75ml is added.

- 26530-0010 Standard tube, Factory Tolerances  
 26530-0020 Standard tube, Serialized with Certificate of Tolerances  
 26530-0030 Factory Verified with 16 point Actual Value Certificate  
 26530-0050 20-400 foiled lined phenolic caps, 24 per pack

### Factory Verification Certificate

*Satisfy your ISO requirements by using SGI Class A calibrated centrifuge tubes!*

Quantity Discounts and blanket orders are available. Please Contact SGI for further information.

### Actual Value Certificate



# Centrifuge Tubes

## SGI Oil Centrifuge Tubes

**26540** Centrifuge Tube, 200%, 100ml, 6" with tooled cork finish neck and graduated as follows;

0.00 to 0.05 % in 0.05 %	10.0 % to 20 % in 2 %
0.50 to 1.00 % in 0.10 %	20.0 % to 50 % in 10.0 %
1.00 to 4.00 % in 0.20 %	100 %
6.00 to 10.00 % in 1.00 %	200 %

- 26540-0010 Standard tube, Factory Tolerances
- 26540-0020 Standard tube, Serialized with Certificate of Tolerances
- 26540-0030 Factory Verified with 16 point Actual Value Certificate



26540

**26550** Centrifuge Tube, 200%, 100ml, 8" with tooled cork finish neck and graduated as above. **(Not pictured)**

- 26550-0010 Standard tube, Factory Tolerances
- 26550-0020 Standard tube, Serialized with Certificate of Tolerances
- 26550-0030 Factory Verified with 16 point Actual Value Certificate

**26560** Centrifuge Tube, 200%, 100ml, 6" (163mm) with 24-400 threaded neck and supplied with foil lined phenolic cap. Tube graduated as above.

- 26560-0010 Standard tube, Factory Tolerances
- 26560-0020 Standard tube, Serialized with Certificate of Tolerances
- 26560-0030 Factory Verified with 16 point Actual Value Certificate



26560

**26570** Centrifuge Tube, 200%, 100ml, 8" (200mm) with 24-400 threaded neck and supplied with foil lined phenolic cap. Tube graduated as above. **(Not pictured)**

- 26570-0010 Standard tube, Factory Tolerances
- 26570-0020 Standard tube, Serialized with Certificate of Tolerances
- 26570-0030 Factory Verified with 16 point Actual Value Certificate
- 26570-0050 20-400 foiled lined phenolic caps, 24 per pack

**26580** Centrifuge Tube, 100ml, 8" (200mm) California style with tooled cork finish neck graduated as follows:

0.025ml to 0.050ml in 0.025ml	3.00ml to 6.00ml in 0.200ml
0.050ml to 1.00ml in 0.050ml	6.00ml to 10.00ml in 0.50ml
1.00ml to 3.00ml in 0.10ml	10.0ml to 100ml in 1.00ml

- 26580-0010 Standard tube, Factory Tolerances
- 26580-0020 Standard tube, Serialized with Certificate of Tolerances
- 26580-0030 Factory Verified with 16 point Actual Value Certificate



26580

### Factory Verification Certificate

Scientific Glass & Instrument, Inc.  
 2100 West 10th Street  
 Lincoln, Nebraska 68502  
 Quality Assurance Laboratory  
 Factory Verification Certificate

Each to:

Quantity: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Customer Address: \_\_\_\_\_

Customer City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Customer Phone: \_\_\_\_\_

Customer E-mail: \_\_\_\_\_

Customer Order #: \_\_\_\_\_

Customer Order Date: \_\_\_\_\_

Customer Order Description: \_\_\_\_\_

Item	Quantity	Lot	Serial	Actual Value	Factory Tolerance
26540	100	1001	1001	100.0	±0.5%
26540	100	1002	1002	100.0	±0.5%
26540	100	1003	1003	100.0	±0.5%
26540	100	1004	1004	100.0	±0.5%
26540	100	1005	1005	100.0	±0.5%
26540	100	1006	1006	100.0	±0.5%
26540	100	1007	1007	100.0	±0.5%
26540	100	1008	1008	100.0	±0.5%
26540	100	1009	1009	100.0	±0.5%
26540	100	1010	1010	100.0	±0.5%

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

SGI Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*Satisfy your ISO requirements by using SGI Class A calibrated centrifuge tubes!*

Quantity Discounts and blanket orders are available. Please Contact SGI for further information.

### Actual Value Certificate

Scientific Glass & Instrument, Inc.  
 2100 West 10th Street  
 Lincoln, Nebraska 68502  
 Quality Assurance Laboratory  
 Certificate of Findings

Serials:

Quantity: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Customer Address: \_\_\_\_\_

Customer City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Customer Phone: \_\_\_\_\_

Customer E-mail: \_\_\_\_\_

Customer Order #: \_\_\_\_\_

Customer Order Date: \_\_\_\_\_

Customer Order Description: \_\_\_\_\_

Item	Quantity	Lot	Serial	Actual Value	Factory Tolerance
26540	100	1001	1001	100.0	±0.5%
26540	100	1002	1002	100.0	±0.5%
26540	100	1003	1003	100.0	±0.5%
26540	100	1004	1004	100.0	±0.5%
26540	100	1005	1005	100.0	±0.5%
26540	100	1006	1006	100.0	±0.5%
26540	100	1007	1007	100.0	±0.5%
26540	100	1008	1008	100.0	±0.5%
26540	100	1009	1009	100.0	±0.5%
26540	100	1010	1010	100.0	±0.5%

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

SGI Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Centrifuge Tubes

## SGI Oil Centrifuge Tubes

**26590** Centrifuge Tube, 100ml, 8" (200mm) California style except with 24-400 threaded neck and supplied with foil lined phenolic cap. ( **Not pictured** )

26590-0010	Standard tube, Factory Tolerances	\$52.00
26590-0020	Standard tube, Serialized with Certificate of Tolerances	\$56.00
26590-0030	Factory Verified with 16 point Actual Value Certificate	\$72.00
26590-0050	20-400 foiled lined phenolic caps, 24 per pack	



**26600** Centrifuge Tube, Pear Shaped per API 2542 & ASTM D-96, 100ml, Cork Finish. Graduated as follows;

0.01ml to 1.50ml in 0.1ml	15ml, 20ml
1.50ml to 5.00ml in 0.5ml	25ml, 50ml
5.00ml to 10.0ml in 1.0ml	100ml

26600-0010	Standard tube, Factory Tolerances
26600-0020	Standard tube, Serialized with Certificate of Tolerances
26600-0030	Factory Verified with 15 point Actual Value Certificate

**26610** Centrifuge Tube, 200%, Pear Shaped per API 2542 & ASTM D-96, 100ml, Cork Finish. Similar to 26600 except graduated for direct reading of percentages of Soil & Water in testing a sample which contains equal volumes of oil and solvent. ( **Not pictured** ) Graduated as follows;

0 % to 3 % in 0.1 %	10 % to 50% in 10%
3 % to 5 % in 0.5 %	100 %
5 % to 10 % in 1 %	200 %

26610-0010	Standard tube, Factory Tolerances
26610-0020	Standard tube, Serialized with Certificate of Tolerances
26610-0030	Factory Verified with 15 point Actual Value Certificate

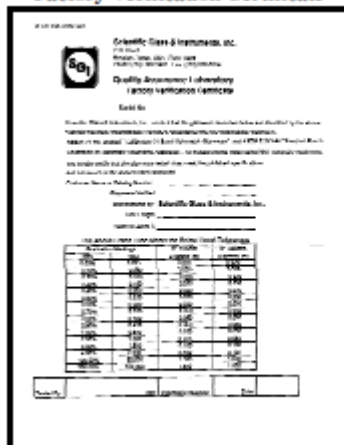


**26620** Centrifuge Tube, 100ml Pear Shaped, California Style with cork finish. Graduations as follows;

0.0ml to 3.0ml in .1ml
3.0ml to 100ml in 1.0ml

26620-0010	Standard tube, Factory Tolerances
26620-0020	Standard tube, Serialized with Certificate of Tolerances
26620-0030	Factory Verified with 15 point Actual Value Certificate

### Factory Verification Certificate



*Satisfy your ISO requirements by using SGI Class A calibrated centrifuge tubes !*

Quantity Discounts and blanket orders are available. Please Contact SGI for further information.

### Actual Value Certificate

