

## How to Order PCS Consumables

There are two sizes of PCS QualAssure Kits to choose from:

PCS QualAssure Kits	Ordering #	Description
QualAssure Standard Kit	PCS-200	<ul style="list-style-type: none"> <li>• 12 blank vials</li> <li>• 1 Cal A vial</li> <li>• 12 Aliquot containers</li> <li>• 12 Transfer pipettes</li> <li>• QualAssure solutions 1, 2, 3, &amp; 4</li> </ul>
QualAssure Bulk Kit	PCS-211	<ul style="list-style-type: none"> <li>• 50 blank vials</li> <li>• 1 Cal A vial</li> <li>• Up to 12 bottles of QualAssure solutions 1, 2, 3, &amp; 4</li> </ul>

PCS QualAssure solutions 1-6 can measure volumes from 0.1 to 5000  $\mu\text{L}$ :

PCS Aqueous QualAssure Solution	Ordering #	Volume Range
1 (60 mL)	PCS-221	200 to 5000 $\mu\text{L}$
2 (60 mL)	PCS-222	50 to 199 $\mu\text{L}$
3 (60 mL)	PCS-223	10 to 49.9 $\mu\text{L}$
4 (60 mL)	PCS-224	2 to 9.9 $\mu\text{L}$
5 (60 mL)	PCS-225	0.50 to 1.99 $\mu\text{L}$
6 (60 mL)	PCS-226	0.1 to 0.499 $\mu\text{L}$

## For new PCS users with PCS Software

(up to 40 data points per Blank vial, based on tested volume)

QualAssure Kit components will be shipped with a minimum of nine months before their expiration. Components from different lot codes may be used in the same calibration if they are not expired.

- QualAssure 5 and 6 are ordered separately. They can be ordered at any time and are compatible with any kit.
- QualAssure Bulk Kits will ship with the configuration of your last order, unless otherwise indicated.
  - a. To customize the QualAssure Bulk Kit solutions you receive, specify what you would like to receive on your PO.

For example, if you want this configuration, indicate PCS-211 (5, 4, 2, 1) on your PO:

    - 5 bottles of QualAssure 1
    - 4 bottles of QualAssure 2
    - 2 bottles of QualAssure 3
    - 1 bottle of QualAssure 4
- When you run out of Blank Vials, it is time to order a new kit or purchase Blank Vials individually.

## For PCS2 or PCS3 users with or without PCS Software

(up to 40 data points per Blank vial, based on tested volume and instrument version)

QualAssure Kit components will be shipped with a minimum of nine months before their expiration. Components must not be expired and must have the same lot code.

- QualAssure 5 and 6 are ordered separately and must match the lot code of the kit you are using. Therefore, you will need to order QualAssure 5 and 6 at the time you order your QualAssure Bulk or Standard Kit.
- QualAssure Bulk Kits will ship with the QualAssure configuration of your last order, unless otherwise indicated.
  - a. To customize the QualAssure Bulk Kit solutions you receive, specify what you would like to receive on your PO.

For example, if you want this configuration, indicate PCS-211 (5, 4, 2, 1) on your PO:

    - 5 bottles of QualAssure 1
    - 4 bottles of QualAssure 2
    - 2 bottles of QualAssure 3
    - 1 bottle of QualAssure 4
- When you run out of Blank Vials, it is time to order a new kit.

Send Purchase Orders and order related inquiries to [orders@artel.co](mailto:orders@artel.co).

If you need assistance determining the QualAssure solutions configuration for your Bulk Kit orders, contact us at [orders@artel.co](mailto:orders@artel.co) and a Customer Support Representative will provide you with the Pip-Pop (Pipette Population) form. Once you have completed the Pip-Pop form, email it to [orders@artel.co](mailto:orders@artel.co) and we will provide you with a custom analysis detailing the solutions you need.

For quotes and questions, or to upgrade to using PCS Software, email [info@artel.co](mailto:info@artel.co).

# Number of Data Points per Blank Vial<sup>1</sup>

PCS Aqueous QualAssure Solutions	Pipette Volumes	Number of Data Points <sup>2</sup>	Number of Data Points <sup>3</sup>
1 60 mL Bottle 200 - 5000 µL	200	22	27
	211	22	26
	220	22	25
	229	22	24
	239	22	23
	258	21	21
	270	20	20
	284	19	19
	299	18	18
	315	17	17
	334	16	16
	355	15	15
	378	14	14
	405	13	13
	436	12	12
	473	11	11
	516	10	10
	567	9	9
	630	8	8
	709	7	7
810	6	6	
945	5	5	
1134	4	4	
1417	3	3	
1889	2	2	
5000	1	1	

2 60 mL Bottle 50 - 199 µL	50	22	40
	59	22	39
	61	22	38
	63	22	37
	64	22	36
	66	22	35
	68	22	34
	70	22	33
	72	22	32
	74	22	31
	77	22	30
	79	22	29
	82	22	28
	85	22	27
	88	22	26
	91	22	25
	95	22	24
	99	22	23
	103	22	22
	104	21	22
	108	20	21
	114	19	20
	120	18	19
	126	17	18
	134	16	17
	142	15	16
152	14	15	
157	13	15	
162	12	14	
189	11	12	
199	11	11	

PCS Aqueous QualAssure Solutions	Pipette Volumes	Number of Data Points <sup>2</sup>	Number of Data Points <sup>3</sup>
3 60 mL Bottle 10 - 49 µL	10	22	40
	15	22	37
	16	22	35
	17	22	33
	18	22	31
	19	22	29
	20	22	28
	21	22	27
	22	22	25
	23	22	24
	24	22	23
	25	22	22
	26	21	21
	27	20	21
	28	20	20
	29	19	19
	30	18	18
	32	17	17
	34	16	16
	36	15	15
38	14	14	
41	13	13	
44	12	12	
48-49	11	11	

4 60 mL Bottle 2 - 9 µL	2	22	40
	3	22	37
	4	22	28
	5	22	22
	6	18	18
	7	16	16
	8	14	14
	9	12	12
	9.9	11	11

5 60 mL Bottle 0.5 - 1.9 µL	0.5	22	40
	0.6	22	37
	0.7	22	32
	0.8	22	28
	0.9	22	25
	1	22	22
	1.1	20	20
	1.2	18	18
	1.3	17	17
	1.4	16	16
	1.5	15	15
	1.6	14	14
	1.7	13	13
	1.8	12	12
1.9	11	11	

6 60 mL Bottle 0.1 - 0.49 µL	0.1	22	40
	0.15	22	37
	0.2	22	28
	0.25	20	22
	0.3	18	18
	0.35	16	16
	0.4	14	14
	0.49	12	11

1 - Number of data points are approximate and are dependent on firmware and optics hardware  
 2 - Firmware 7A2.103 or earlier. Applicable for most instruments with serial number 8514 and below  
 3 - Firmware 7A2.2XX. Applicable for most instruments with serial number 8515 and above