

AQ300 Test Parameters



Date & Time: 2022-07-19 13:49:00
Test Number: 1
Long Test Name: o-PHOS 0.3
Units: mg P/L
Test Type: 1. End Point
Short Test Name: OP_0.3
Decimal Places: 4

Main Parameters

Sample Volume: 500 **Water Volume:** 0 **Number of Mixes:** 2
Cuvette primes: 4 **Cuvette Washes:** 2 **Baseline on Wash:** YES
Cadmium Volume: 0 **Reduction Time:** 0 **Diluent Location:** Reagent 18

Math Parameters

Reaction Time: 480 **Wavelength:** 880nm **Polynomial Order:** 1
Repeat Delta Check: 0.250 **Auto Dilution Factor:** 5.000 **Manual Dilution Factor:** 0.000
Linearity Low: 0.0012 **Linearity High:** 0.1303 **Latest Slope:** 2.2712
Alert Low: 0.000 **Alert High:** 0.000 **Latest Intercept:** -0.0027

Reagent Parameters

Number of Reagents: 2

| Reagent | Name | Volume | Delay | Replaced in Blank |
|---------|-------------------|--------|-------|-------------------|
| 1 | PO4 Color Reagent | 55 | 0 | NO |
| 2 | Ascorbic Acid | 60 | 0 | NO |
| Blank | Water Bottle | 10 | | |

Standards

Auto Std. Number: 7

Auto Std. Concentration : 0.3000

Exclude the Blank : NO

Auto Std. Position: Cup 1

Standard 1 (Blank) Position : Reagent 18

Correlation limit : 0.9950

| Standard | Value | Standard | Value | Auto Standard | Percentage | Value |
|----------|--------|----------|--------|---------------|------------|--------|
| 1 | 0.0000 | 11 | 0.0000 | S90 | 2.0000 | 0.0060 |
| 2 | 0.0000 | 12 | 0.0000 | S91 | 5.0000 | 0.0150 |
| 3 | 0.0000 | 13 | 0.0000 | S92 | 10.0000 | 0.0300 |
| 4 | 0.0000 | 14 | 0.0000 | S93 | 25.0000 | 0.0750 |
| 5 | 0.0000 | 15 | 0.0000 | S94 | 50.0000 | 0.1500 |
| 6 | 0.0000 | 16 | 0.0000 | S95 | 75.0000 | 0.2250 |
| 7 | 0.0000 | 17 | 0.0000 | S96 | 100.0000 | 0.3000 |

Controls

| Control | Low Value | High Value | Location | Frequency | Start Before |
|---------|-----------|------------|----------|-----------|--------------|
|---------|-----------|------------|----------|-----------|--------------|

QC PRO

| Control | Low Value | High Value | Location | Frequency | Start Before |
|---------|-----------|------------|--------------|------------|--------------|
| CCV | 0.1350 | 0.1650 | Reagent 9 | 10 | 1 |
| CCB | -0.0060 | 0.0060 | Reagent 18 | 10 | 1 |
| ICV | 0.0000 | 0.0000 | As scheduled | 0 | Off |
| LCS | 0.0000 | 0.0000 | As scheduled | 0 | Off |
| ICB | 0.0000 | 0.0000 | As scheduled | 0 | Off |
| MB | 0.0000 | 0.0000 | As scheduled | 0 | Off |
| Control | % (+or-) | Stock Conc | Spike Added | Location | |
| DUP | 10.0000 | | | | |
| SPKA | 50.0000 | 4.0000 | 0.1520 | Reagent 15 | |
| SPKM | 0.0000 | | 0.0000 | | |
| SPKD | 0.0000 | | | | |