

**CALIBRATION CERTIFICATE**

Dimension EX1.200, bearing serial number: DE272743 at DRC SRL Lab, Katoor  
 Cochin have been duly calibrated on 12/06/2023  
 Final calibration results are as follows:

**PHOTOMETER DARK CALIBRATION:**

Reference : 9081.69 Hz  
 Sample (outer on) : 9209.50 Hz  
 Sample (outer off) : 9209.35 Hz

**LAMP CALIBRATION:**

Low Calib level : 46.6%  
 High Calib level : 59.5%

**PHOTOMETER**

Filters	mAU offset values	System Check Wavelength	Acceptable Range
293nm	384	2.18	±2.5
340nm	395	-1.31	±1.5
383nm	396	-1.22	±1.5
405nm	374	-1.10	±1.5
452nm	359	-0.79	±1.5
510nm	344	-0.58	±1.5
540nm	348	-0.61	±1.5
577nm	342	-0.69	±1.5
600nm	336	-0.63	±1.5
700nm	344	-0.52	±1.5

**PHOTOMETER LAMP VOLTAGE:**

Set at 24.00V calibrated by DVM

**PHOTOMETER ALIGNMENT:** set at -7

Range: -3 to -9



```

+ PHOTOMETER
+ Wavelength
+ -----
+ 283nm      2.10
+ 340nm     -1.81
+ 393nm     -1.22
+ 405nm     -1.10
+ 452nm     -0.79
+ 510nm     -0.50
+ 540nm     -0.61
+ 577nm     -0.69
+ 600nm     -0.83
+ 700nm     -0.52

```

```

+ REAGENT #1
+ -----
+ Mean: 392.41
+ SD: 1.02
+ Results
+ 1st 391.56
+ 2nd 391.53
+ 3rd 391.89
+ 4th 393.83
+ 5th 393.12

```

```

+ REAGENT #2
+ -----
+ Mean: 392.76
+ SD: 1.72
+ Results
+ 1st 390.19
+ 2nd 392.40
+ 3rd 394.83
+ 4th 393.10
+ 5th 393.30

```

```

+ SWYLER
+ -----
+ Mean: 39.63
+ SD: 0.26
+ Results
+ 1st 40.09
+ 2nd 39.55
+ 3rd 39.49
+ 4th 39.53
+ 5th 39.44

```

```

+ HI VASHI
+ -----
+ Results
+ 1st W1
+ 2nd W1
+ 3rd W2
+ 4th W2
+ 5th W2

```

labmanager

PHOTOMETER DIAGNOSTIC

	delta	Reference	Measure	nm	mAU
	1.3%	11119.48Hz	11770.62Hz	293	158.0
dark current:	(Hz) 2.4%	37718.97Hz	44375.14Hz	340	181.93
reference	9081.69 6.5%	30269.88Hz	35193.35Hz	383	182.48
outer on	9209.50 3.0%	25438.91Hz	30000.36Hz	405	182.31
outer off	9209.35 2.0%	26633.26Hz	32216.49Hz	452	184.27
	3.0%	26619.92Hz	32318.74Hz	510	185.11
lamp: 6.48 Amp	0.7%	27132.27Hz	33098.11Hz	540	185.24
7.73 V	3.2%	32824.40Hz	41064.96Hz	577	186.45
low calib	46.6% 8.8%	25021.00Hz	30618.65Hz	600	186.016
high calib	59.5% 0.1%	31364.69Hz	39035.22Hz	700	187.429
	diag:	30303.03Hz	35087.72Hz	motor:	-11+00

PHOTOMETER:ON

Cycles: 1 ( 0)

encoder: -11+00

GOTO CVT:

magnet:OFF

detector:INNER & OUTER

lamp:HIGH

home:ON

F1: MORE DIAG

F2: SCAN CUVETTE

F3: SNAPSHOT

F4: INITIALIZE

F5: FILTER DELTA

F6: CLEAR

F7: PRINT mAU DATA

F8: CYCLE

**FLUKE**



## Fluke Corporation Statement of Calibration Practices

Fluke Corporation certifies this product was calibrated with applicable calibration procedures during the manufacturing process. Fluke's certified ISO-9001 quality system controls these procedures.

The measurement standards and instruments used during the calibration of this product are traceable to SI units through internationally recognized measurement standards. Fluke's measurement standards are calibrated by comparison to higher level standards at planned intervals. This document is not a certificate of calibration or traceability.

To obtain a certificate of calibration contact the nearest Fluke Service Center to process an order to have your unit sent in for Calibration. A nominal fee is charged for calibration service.

Quality Assurance Manager  
Fluke Corporation

Date Placed in Service : 01/08/2022  
Rec-Cal Due : 31/07/2023  
Model No : FLUKE-17B+ ESP  
Serial No : 55201471WS

