



STATUS PASSED

**CALIBRATION REPORTS**

PRODUCT ID: **SCIENCE PLUS**

SR. NO. **226711**

DISCRIPTION: **VAR RANGE: 100-1000ul**

MODEL NO. **SSP-V1000**

DATE: **20-08-2023**

**ENVIRONMENTAL FACTORS**

TEMP. **20.00C**

BARO. PRESSURE **750.00mmHg**

REL. HUMIDITY **50.00%**

AIR DENSITY **0.001200g/cm3**

Z FACTOR **1.0029**

CUBIC EXP. **0.0000cm3/degC**

**SAMPLE**

**CALIBRATION STATISTICS**

Vol	No.	Wt.	Vol	Vol.	Mean	Sd.	Corr. Mean	Innaccuracy E%		Status	Impreciosion CV%	
								Actual	Standerd		≤	0.58
100	1	100.00	100.00	100.00	100.33	0.58	100.62	0.62	±2.5	PASS	≤	0.58
100	2	201.00	101.00	500.00	499.33	3.51	500.78	0.16	±0.8	PASS	≤	0.70
100	3	301.00	100.00	1000.00	993.67	5.86	996.55	0.35	±0.6	PASS	≤	0.59
500	1	499.00	499.00									
500	2	995.00	496.00									
500	3	1498.00	503.00									
1000	1	998.00	998.00									
1000	2	1994.00	996.00									
1000	3	2981.00	987.00									

\* Specification confirm to DIN 12650 Standards

\* Each pipette is individually calibrated on electronic balance



STATUS PASSED

### CALIBRATION REPORTS

PRODUCT ID: SCIENCE PLUS

SR NO. 226632

DISCRIPTION: VAR VOL 5-50µl

MODEL NO. SSP-V50

DATE: 20-08-2023

ENVIRONMENTAL FACTORS

TEMP. 20.00C

BARO. PRESSURE 750.00mmHg

REL.HUMIDITY 50.00%

AIR DENSITY 0.001200g/cm3

Z FACTOR 1.0029

CUBIC EXP. 0.0000cm3/degC

SAMPLE

CALIBRATION STATISTICS

Vol	No.	Wt.	Vol	Vol.	Mean	Sd.	Corr. Mean	Innaccuracy E%			Impreciosion CV%	
								Actual	Standerd	Status		
5	1	4.99	4.99	5.00	5.02	0.04	5.03	0.69	±2.5	PASS	≤	0.87
5	2	9.99	5.00	25.00	25.00	0.07	25.08	0.30	±0.8	PASS	≤	0.29
5	3	15.06	5.07	50.00	50.00	0.27	50.14	0.28	±0.6	PASS	≤	0.55
25	1	25.05	25.05									
25	2	49.97	24.92									
25	3	75.01	25.04									
50	1	49.70	49.70									
50	2	99.75	50.05									
50	3	149.99	50.24									

Specification confirm to DIN 12650 Standards

Each pipette is individually calibrated on electronic balance