

HANDYPETTE CALIBRATION REPORT

VOLUME : 100-1000 µl
 REF. NO. : 600120
 SERIAL NO. : 221051133
 CAL DATE : 24/12/2022
 DUE ON : 23/12/2023
 MANUFACTURER : RVIPL
 MICROTIP : 200-1000 µl

TEMPRATURE : 25°C
 AIR PRESSURE: 992hpa
 HUMIDITY: 60%
 Z FACTOR: 1.004 µl/mg
 BALANCE: GR202 AND (JAPAN)
 BALANCE SR. NO.: 14219380
 BALANCE CAL. DUE : 21/12/2023
 METHOD : DIN / EN / ISO 8655 (PART 2-6)

Q.C-I : PHYSICAL INSPECTION

NUMBER	1	2	3	4	5	6	7	8
SPARE PARTS	DIGITS	PISTON	SPRING SUPPORT	SPRING	SHAFT	TIP EJECTOR	TIP CONE	HANDLE MECHANISM
RESULT	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Q.C-II : CALIBRATION READINGS

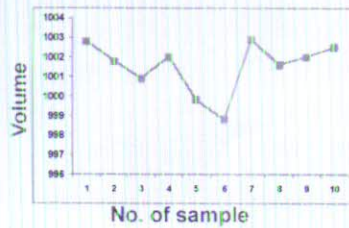
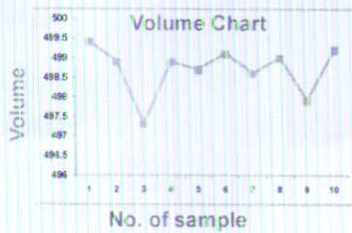
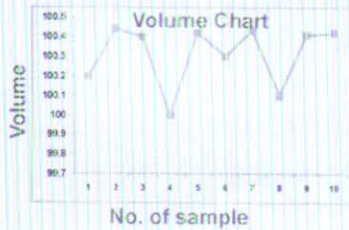
SAMPLE	1	2	3	4	5	6	7	8	9	10
TEST VOL (µl)	100	100	100	100	100	100	100	100	100	100
WEIGHT (mg)	99.80	100.04	100.00	99.50	100.05	99.90	100.03	99.70	100.01	100.02
VOLUME (µl)	100.20	100.44	100.40	100.00	100.45	100.30	100.43	100.10	100.41	100.42

SAMPLE	1	2	3	4	5	6	7	8	9	10
TEST VOL (µl)	500	500	500	500	500	500	500	500	500	500
WEIGHT (mg)	499.40	498.90	497.90	496.60	499.00	498.50	497.50	498.00	499.50	498.30
VOLUME (µl)	499.50	498.90	499.30	496.90	498.70	499.40	498.60	499.00	499.90	499.20

SAMPLE	1	2	3	4	5	6	7	8	9	10
TEST VOL (µl)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WEIGHT (mg)	998.80	997.60	996.90	998.00	995.80	994.90	998.90	997.60	998.00	998.60
VOLUME (µl)	1002.80	1001.80	1000.80	1001.99	999.80	998.88	1002.60	1001.80	1001.90	1002.60

SUMMARY STATISTICS

VOLUME µl	MEAN	SD	EXPENDED UNCERTAINTY IN µl AT k = 2			
			ACTUAL	TARGET	ACTUAL	TARGET
100	100.315	0.1616	0.3147	±1.5	0.1611	±0.6
500	498.710	0.7767	-0.2580	±6.0	0.1557	±2.0
1000	1001.520	1.3159	0.15201	±12.0	0.1314	±4.0



Operated By :

[Signature]

Sign :

Inspected By :

[Signature]

Sign :

- * THE REPORTED EXPANDED UNCERTAINTY IS AT COVERAGE FACTORE K = 2 ± (199.9999g), WHICH CORRESPONDS TO A COVERAGE PROBABILITY OF APPROXIMATELY 95% FOR A NORMAL DISTRIBUTION
- * METHOD BASED ON ISO / DIN / EN 8655 (PART 2 , 6)
- * STANDARDS USED ON CALIBRATION WERE TRACEABLE TO NPL, DELHI.
- * NOTE : THIS CERTIFICATE REFER ONLY TO THE PARICULAR ITEM (S) SUBMITTED FOR CALIBRATION