



Calibration Report

Serial Number	C219017857	Reference number	
Asset ID		Owner company	Dansk Pipette Service ApS
Pipette model	PIPET-LITE XLS+ UNV SINGLE SL-200XLS+	Department	
Pipette manufacturer	RAININ	Name	Ole Bach Dahl
Method name	ISO Piston type A 1x 200 µl (ex)	Method description	3 Vol. 10 meas.20 µl, 100 µl, 200 µl
Air temperature	20,9 °C	Balance serial number	123456789
Water temperature	21,3 °C	Balance name	Demo
Humidity	54 %	Balance model	Demo
Pressure	1023 hPa	Balance readability	0,000001 g
Z-Factor	1,0032 µl/mg	Last calibration date	Never
Z-Factor calculation mode	ISO 8655:2002	Tip model	Unknown
Evaporation	0 µl/cycle	Tip lot number	
		Location	

As Returned calibration

Weighings [g]/[µl]	20µl		100µl		200µl	
	0,020000	20,0640	0,100000	100,3200	0,200000	200,6400
	0,020000	20,0640	0,100000	100,3200	0,200000	200,6400
	0,020000	20,0640	0,100000	100,3200	0,200000	200,6400
	0,020000	20,0640	0,100000	100,3200	0,200000	200,6400
	0,020500	20,5656	0,100000	100,3200	0,200000	200,6400
	0,019900	19,9637	0,100000	100,3200	0,199000	199,6368
	0,019900	19,9637	0,099980	100,2999	0,199000	199,6368
	0,019900	19,9637	0,099950	100,2698	0,199000	199,6368
	0,019900	19,9637	0,099900	100,2197	0,199500	200,1384
	0,019900	19,9637	0,099800	100,1194	0,199200	199,8374
	Actual	Limit	Actual	Limit	Actual	Limit
Mean [µl]	20,0640		100,2829		200,2086	
Systematic error [µl]	0,0640		0,2829		0,2086	
Systematic error [%]	0,32	± 8,0	0,28	± 1,6	0,104	± 0,80
Random error [µl]	0,1832		0,0662		0,4777	
Random error [%]	0,91	3,0	0,066	0,60	0,239	0,30
Uncertainty [µl]	0,4303		0,4153		1,1641	
Uncertainty [%]	2,15		0,42		0,582	
Status	Passed		Passed		Passed	
Status:	Passed					

Repeated measurements: 0

Default	04-05-2023 12:50:42	04-05-2024
Performed by	Date	Next due

DEMO

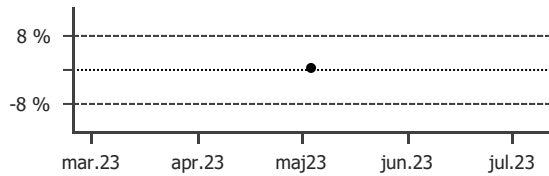


Dansk Pipette
Service ApS

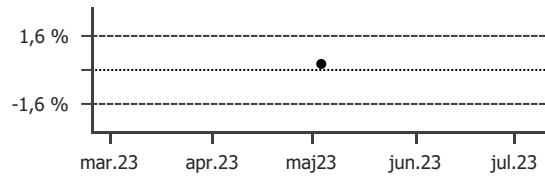
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20 µl, Systematic Error



100 µl, Systematic Error



200 µl, Systematic Error

