



Quality Test Plan

Equipment name : SILAR

Mode/ Serial no : HO - TH-03

Sl No	Specific Test Conducted	Test method	Spec./Accepted values	No. of times repeated
1.	Basic Inspection	Model No., Painting , Finishing , stability and other visual parameters		1
2.	Vibration and noise checking	Run a sample program and check		1
3.	Keyboard/ Touch screen checking	Enter all the alpha numeric values and check its functioning		2
4.	Up-Down travel and limit checking	Move the sample holder up side and down side till it reaches the limit		2
5.	Travel length	Verify the travel length by running a sample program with specific travel length say 50 mm	1 % error max.	1
6.	Travel speed	Verify the travel speed by running a sample program with specific travel speed (both Dip and retrieval) in um/Sec and mm/Sec		1
7.	Dip & dry duration	Run a sample program with specific Dip and Dry duration. Sec., Min. & Hour	0-99 Sec./min./Hr	1
8.	Sample holder positioning. (centering to the beaker)	Run a sample program with Dip in all the beakers and check the centering at each dip position.		3
9.	Magnetic stirrer Function	Check the magnetic stirrer with beaker and run @ max rpm.		1
10.	Heater Function	Turn on the heater and check the temperature.	1 % error max.	1
11.	PC –Software testing	Compose and run a sample program in PC-Software.		1