

Sample Requisition - SR 48, SR 93, SR 98, SR 99, SR 99, SR 100, SR 101  
 Parameter - Color Sample Code -  
 Test material - Water SR-48-2324/RDKL/FW/FW/L71, 72, 73  
 Date - Analysis - 12/1/24 - 19/1/24 SR 93-2324/RDKL/WW/WW/L300  
 Date - Allocation - 11/1/24 - 18/1/24 SR 98-2324/RDKL/WW/WW/L334, 335, 336  
 Date - Submission - 19/1/24 - 25/1/24 SR 99-2324/RDKL/WW/WW/L337, 338, 339, 340  
 Name of supervisor - Mr. Ragnie SR 99-2324/RDKL/FW/FW/L74, 75, 76  
 Method -> APHA 2120B / Visual Comparison Method  
 SR 100-2324/RDKL/WW/WW/L345, 346, 347, 348  
 SR 101-2324/RDKL/WW/WW/L341, 342, 343, 344

Standardisation of color units -

Stocking 500 cu for 100ml solution -

Working Color standard	Color unit (cu)
1 ml vol makes upto 100 ml	5 cu
3 ml " "	15 cu
6 ml " "	30 cu
10 ml " "	50 cu
20 ml " "	100 cu

1 cu is equiv. to Hazen unit & 1 pt-co unit.

Sample Code	Dilution	Sample vol (ml)	Color unit (cu)
1. SR 48/2324/RDKL/FW/FW/L71	Direct	"	5
2. " " 1L72	"	"	5
3. " " 1L73	"	"	10
4. SR 93/2324/RDKL/WW/WW/L300	"	"	15
5. SR 98/2324/RDKL/WW/WW/L339	"	"	20
6. " " 1L335	"	"	45
7. " " 1L336	"	"	20
8. SR 99/2324/RDKL/WW/WW/L337	"	"	40
9. " " 1L338	"	"	30
10. " " 1L339	"	"	25
11. " " 1L340	"	"	15
12. SR 99/2324/RDKL/FW/FW/L74	"	"	10

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<u>Sample code</u>	<u>Dilution</u>	<u>Sample Vol (ml)</u>	<u>Absorbent (cu)</u>
13. SR49/232A/RDKL/PW/PW/L345	u	500	5
14. " L346	u	u	10
15. SR100/232A/RDKL/NA/WN/L345	u	u	25
16. " L346	u	u	30
17. " L347	u	u	50
18. " L348	u	u	35
19. SR157/232A/RDKL/WN/NA/L341	u	u	10
20. " L342	u	u	15
21. " L343	u	u	30
22. " L344	u	u	45

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