



Revised National Tuberculosis Control Programme (RNTCP)
 PROFICIENCY TESTING
 DEPARTMENT OF BACTERIOLOGY
 NATIONAL INSTITUTE FOR RESEARCH IN TUBERCULOSIS
 CHENNAI-31



Micro Care, Gujarat (FLD by SOLID)							VI ROUND				NRL RESULTS Vs REPORTED RESULTS							
DRUG SUSCEPTIBILITY PROFICIENCY TESTING (FLD)											MICRO_GU_FLD_SOL_14							
Sl. No	CODE	R.NO	REPORTED RESULTS				NRL RESULTS				FINALISED							
			S	H	R	E	S	H	R	E	S	H	R	E				
1	1	F 399	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
2	2	F 403	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
3	3	F 414	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
4	4	F 394	R	R	S	R	R	R	S	S	RR	RR	SS	RS				
5	5	F 404	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
6	6	F 412	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
7	7	F 402	S	S	R	S	S	S	R	S	SS	SS	RR	SS				
8	8	F 391	S	R	R	R	R	R	R	R	SR	RR	RR	RR				
9	9	F 419	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
10	10	F 405	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
11	11	F 418	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
12	12	F 415	R	S	S	S	R	S	S	S	RR	SS	SS	SS				
13	13	F 396	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
14	14	F 407	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
15	15	F 420	R	S	R	S	R	S	R	S	RR	SS	RR	SS				
16	16	F 395	S	S	S	R	S	S	S	S	SS	SS	SS	RS				
17	17	F 410	R	S	S	S	R	S	S	S	RR	SS	SS	SS				
18	18	F 397	R	R	R	S	R	R	R	S	RR	RR	RR	SS				
19	19	F 408	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
20	20	F 411	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
21	01d	F 406	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
22	06d	F 392	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
23	09d	F 401	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
24	11d	F 393	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
25	12d	F 413	R	S	S	S	R	S	S	S	RR	SS	SS	SS				
26	13d	F 417	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
27	16d	F 398	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
28	17d	F 400	R	S	S	S	R	S	S	S	RR	SS	SS	SS				
29	19d	F 409	S	S	S	S	S	S	S	S	SS	SS	SS	SS				
30	20d	F 416	R	R	R	R	R	R	R	R	RR	RR	RR	RR				
RR-True Resist.			SS-True Sensit.				RS-False Resist.				SR-false Sensit.				NA-No Growth/Cont.			

Micro Care, Gujarat (FLD by SOLID)					VI ROUND				NRL RESULTS Vs REPORTED RESULTS									
STAT. ANALYSIS					TWO WAY TABLE -FLD (SHRE)													
					NRL-S			NRL-H			NRL-R			NRL-E				
					RES	SEN	TOT	RES	SEN	TOT	RES	SEN	TOT	RES	SEN	TOT		
Total Resistant strain	21	16	17	14														
Total Sensitive strain	9	14	13	16														
True Resistant	20	16	17	14	RES	20	0	20	RES	16	0	16	RES	14	2	16		
False Resistant	0	0	0	2	SEN	1	9	10	SEN	0	14	14	SEN	0	14	14		
True Sensitive	9	14	13	14	TOT	21	9	30	TOT	16	14	30	TOT	14	16	30		
False Sensitive	1	0	0	0	TOT Correct Results				29	TOT Correct Results				30				
Sensitivity (%)	95	100	100	100														
Specificity(%)	100	100	100	88														
Pradictive Value - R (%)	100	100	100	88	RES	17	0	17	RES	14	2	16	RES	14	2	16		
Pradictive Value - S(%)	90	100	100	100	SEN	0	13	13	SEN	0	14	14	SEN	0	14	14		
Efficiency(%)	97	100	100	93	TOT	17	13	30	TOT	14	16	30	TOT	14	16	30		
Reproducibility (%)	100	100	100	90	TOT Correct Results				30	TOT Correct Results				28				
Method followed	PST-LJ																	
Concentration (µg/ml)	0	0.0	0	0														
Turnaround time (TAT) :	91	Days	Delay															