



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)							VII ROUND				NRL RESULTS Vs REPORTED RESULTS			
7th ROUND DRUG SUSCEPTIBILITY PROFICIENCY TESTING (FLD)-2015											MICRO_GU_FLD_SOL_15			
Sl. No	CODE	R.NO	REPORTED RESULTS				NRL RESULTS				FINALISED			
			S	H	R	E	S	H	R	E	S	H	R	E
1	QC1	I-2440	NA	NA	NA	NA	S	R	R	S	NAS	NAR	NAR	NAS
2	QC3	I-2434	S	S	S	S	NA	S	S	S	SNA	SS	SS	SS
3	QC4	I-2421	NA	NA	NA	NA	S	R	R	R	NAS	NAR	NAR	NAR
4	QC5	I-2444	S	S	R	R	NA	S	R	S	SNA	SS	RR	RS
5	QC6	I-2428	NA	NA	NA	NA	S	R	R	S	NAS	NAR	NAR	NAS
6	QC7	I-2423	S	S	S	S	NA	S	S	S	SNA	SS	SS	SS
7	QC9	I-2432	NA	NA	NA	NA	R	R	R	R	NAR	NAR	NAR	NAR
8	QC10	I-2439	R	R	S	R	R	R	S	R	RR	RR	SS	RR
9	QC11	I-2433	S	R	S	R	S	R	S	S	SS	RR	SS	RS
10	QC12	I-2422	S	R	R	R	S	R	R	R	SS	RR	RR	RR
11	QC15	I-2450	R	R	R	R	R	R	R	R	RR	RR	RR	RR
12	QC16	I-2426	R	R	R	R	R	R	R	R	RR	RR	RR	RR
13	QC18	I-2449	NA	NA	NA	NA	S	S	S	S	NAS	NAS	NAS	NAS
14	QC19	I-2437	NA	NA	NA	NA	NTM	NTM	NTM	NTM	NANTM	NANTM	NANTM	NANTM
15	QC20	I-2443	R	R	R	R	NA	R	R	R	RNA	RR	RR	RR
16	QC22	I-2424	NA	NA	NA	NA	S	S	S	S	NAS	NAS	NAS	NAS
17	QC25	I-2436	R	S	S	S	R	S	S	S	RR	SS	SS	SS
18	QC27	I-2447	R	R	R	R	R	R	R	R	RR	RR	RR	RR
19	QC28	I-2435	R	R	R	S	R	R	R	R	RR	RR	RR	SR
20	QC30	I-2427	S	R	R	R	R	R	R	R	SR	RR	RR	RR
21	QC3D	I-2441	S	S	S	S	NA	S	S	S	SNA	SS	SS	SS
22	QC5D	I-2425	S	S	R	S	NA	S	R	S	SNA	SS	RR	SS
23	QC7D	I-2446	S	S	S	R	NA	S	S	S	SNA	SS	SS	RS
24	QC10D	I-2442	R	R	S	R	R	R	S	R	RR	RR	SS	RR
25	QC15D	I-2431	R	R	R	R	R	R	R	R	RR	RR	RR	RR
26	QC16D	I-2438	R	R	R	R	R	R	R	R	RR	RR	RR	RR
27	QC18D	I-2429	S	S	S	S	S	S	S	S	SS	SS	SS	SS
28	QC25D	I-2448	R	S	S	R	R	S	S	S	RR	SS	SS	RS
29	QC27D	I-2430	NA	NA	NA	NA	R	R	R	R	NAR	NAR	NAR	NAR
30	QC30D	I-2445	R	R	R	R	NA	R	R	R	RNA	RR	RR	RR

RR-True Resist. SS-True Sensit. RS-False Resist. SR-false Sensit. R-Resistant; S-Sensitive; NA-Not Available; R/SNTM-False MTB

Micro Care, Gujarat (FLD by SOLID)					VII ROUND				NRL RESULTS Vs REPORTED RESULTS					
STAT. ANALYSIS	S	H	R	E	TWO WAY TABLE -FLD (SHRE)									
					NRL-S				NRL-H					
Total Resistant strain	11	13	12	12										
Total Sensitive strain	3	9	10	10										
True Resistant	10	13	12	11	RES	10	0	10	RES	13	0	13		
False Resistant	0	0	0	4	SEN	1	3	4	SEN	0	9	9		
True Sensitive	3	9	10	6	TOT	11	3	14	TOT	13	9	22		
False Sensitive	1	0	0	1	TOT Correct Results				13	TOT Correct Results				22
Sensitivity (%)	91	100	100	92	NRL-R				NRL-E					
Specificity (%)	100	100	100	60										
Predictive Value - R (%)	100	100	100	73	RES	12	0	12	RES	11	4	15		
Predictive Value - S (%)	75	100	100	86	SEN	0	10	10	SEN	1	6	7		
Efficiency (%)	93	100	100	77	TOT	12	10	22	TOT	12	10	22		
Reproducibility (%)	88	100	100	63	TOT Correct Results				22	TOT Correct Results				17
Method followed	PST-LJ				Result of Streptomycin for 8 strains has not been taken for statistical analysis due to inconsistency results across the labs									
Concentration (µg/ml)	4	0.2	40	2										
Turnaround time (TAT) :	94	Days		Delay										