MICROCARE LABORATORY, SURAT							:NRL RESULTS Vs REPORTED RESULTS							
DRUG SUSCEPTIBILITY PROFICIENCY TESTING (FLD)													MICROCARE-3R	
Sl. No	CODE	R.NO	REPORTED RESULTS				NRL RESULTS				FINALISED			
			S	H	R	E	S	H	R	E	S	H	R	E
1	2225	N - 2118	R	S	S	S	R	S	S	S	RR	SS	SS	SS
2	2275	N - 2121	R	R	R	R	R	R	R	R	RR	RR	RR	RR
3	2808	N - 2124	R	S	R	S	S	S	R	S	RS	SS	RR	SS
4	3255	N - 2132	NA	NA	NA	NA	S	S	S	S	NAS	NAS	NAS	NAS
5	3750	N - 2128	NA	NA	NA	NA	S	R	R	S	NAS	NAR	NAR	NAS
6	3969	N - 2114	R	S	R	S	R	R	R	R	RR	SR	RR	SR
7	4040	N - 2140	S	R	R	R	R	R	R	R	SR	RR	RR	RR
8	4597	N - 2127	R	S	S	S	R	R	S	S	RR	SR	SS	SS
9	4646	N - 2131	S	S	S	S	S	S	S	S	SS	SS	SS	SS
10	4785	N - 2134	R	R	R	R	R	R	R	R	RR	RR	RR	RR
11	4852	N - 2129	S	S	S	S	S	S	S	S	SS	SS	SS	SS
12	4861	N - 2123	R	S	S	S	R	S	S	S	RR	SS	SS	SS
13	4907	N - 2122	R	R	S	S	R	R	S	S	RR	RR	SS	SS
14	5879	N - 2125	R	S	R	S	S	S	S	S	RS	SS	RS	SS
15	7047	N - 2117	R	S	R	S	S	S	R	S	RS	SS	RR	SS
16	8626	N - 2116	NA	NA	NA	NA	S	R	S	R	NAS	NAR	NAS	NAR
17	8888	N - 2139	S	R	S	R	S	R	S	R	SS	RR	SS	RR
18	8995	N - 2120	NA	NA	NA	NA	R	R	R	R	NAR	NAR	NAR	NAR
19	9819	N - 2111	NA	NA	NA	NA	R	R	R	R	NAR	NAR	NAR	NAR
20	9942	N - 2130	NA	NA	NA	NA	R	R	R	R	NAR	NAR	NAR	NAR
21	2808D	N - 2137	R	S	R	S	S	S	R	S	RS	SS	RR	SS
22	3255D	N - 2133	NA	NA	NA	NA	S	S	S	S	NAS	NAS	NAS	NAS
23	4597D	N - 2136	R	R	S	S	R	R	S	S	RR	RR	SS	SS
24	8626D	N -2112	NA	NA	NA	NA	S	R	S	R	NAS	NAR	NAS	NAR
25	3750D	N - 2119	NA	NA	NA	NA	S	R	R	S	NAS	NAR	NAR	NAS
26	4852D	N - 2115	S	S	S	S	S	S	S	S	SS	SS	SS	SS
27	4861D	N - 2126	NA	NA	NA	NA	R	S	S	S	NAR	NAS	NAS	NAS
28	5879D	N - 2138	R	S	S	S	S	S	S	S	RS	SS	SS	SS
29	7047D	N - 2135	NA	NA	NA	NA	S	S	R	S	NAS	NAS	NAR	NAS
30	8888D	N - 2113	NA	NA	NA	NA	S	R	S	R	NAS	NAR	NAS	NAR
RR-True Resist.		*SS-True Sensit.*		*RS-False Resist.*			*SR-false Sensit.*			*NA-No Growth/Cont.*				

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STAT. ANALYSIS	S	H	R	E	TWO WAY TABLE -FLD (SHRE)							
Total Resistant strain	9	8	7	5	STREPTOMYCIN				ISONIAZID			
Total Sensitive strain	9	10	11	13		RES	SEN	TOT		RES	SEN	TOT
True Resistant	8	6	7	4	RES	8	5	13	RES	6	0	6
False Resistant	5	0	1	0	SEN	1	4	5	SEN	2	10	12
True Sensitive	4	10	10	13	TOT	9	9	18	TOT	8	10	18
False Sensitive	1	2	0	1	TOT Correct Results			12	TOT Correct Results			16
Sensitivity (%)	88.9	75	100	80								
Specificity(%)	44.4	100	90.9	100	RIFAMPICIN				ETHAMBUTOL			
Pradictive Value - R (%)	61.5	100	87.5	100		RES	SEN	TOT		RES	SEN	TOT
Pradictive Value - S(%)	80.0	83.3	100	92.9	RES	7	1	8	RES	4	0	4
Efficiency(%)	66.7	88.9	94.4	94.4	SEN	0	10	10	SEN	1	13	14
Reproducibility (%)	100	75	75	100	TOT	7	11	18	TOT	5	13	18
Method followed	PST-LJ	PST-LJ	PST-LJ	PST-LJ	TOT Correct Results			17	TOT Correct Results			17
Concentration (µg/ml)	4	0.2	40	2								

Turnaround time (TAT) :	#####	Days	####							©PSV-TRC2011