

## LIVESTOCK DRINKING WATER ANALYSIS

Distributor: Thomson & Joseph Ltd. Farmer:					Sample No: Date:			
								Sample Ref: Tap
Parameter		Unit	ASSAY	L	OW	MEDIUM	HIGH	VERY HIGH
CONDITION								
рН			7.00	0	6	8.5	10	12
Conductivity	μS/cm-1		122	0	1000	2000	6000	10000
Total Dissolved Solids	PPM of CaCO3		0	0	500	1000	3000	5000
Alkalinity	PPM of CaCO3		0	0	100	200	300	900
Acidity	PPM of CaCO3		0.1	0	100	200	300	900
	mg/l CaCO3			S	OFT	MEAN	HARD	VERY HARD
Total Hardness			49	0	150	250	420	1000
					No blems	Increasing Problems	Some Problems	Avoid Use
Nitrate	NO3	mg/l	1					
Nitrite	NO2	mg/l	-	0	25	50	100	200
Ammonia	NH4	mg/l	0.10	0	0.1	0.5	1	3
Calcium	Ca	mg/l	11	0	0.5	1.5 250	500	1000
Chloride	CI	mg/l	10	0	100	250	500	1000
Magnesium	Mg	mg/l	6	0	50	75	100	300
Phosphorus	Р	mg/l	0.10	0	1	2	100	6
Potassium	K	mg/l	0	0	10	20	30	50
Sodium	Na	mg/l	7	0	50	100	200	400
Sulphate-S	SO4-S	mg/l	7	0	75	250	500	1000
Aluminium	Al	μg/l	203	0	200	400	500	1000
Copper	Cu	μg/l	10	0	100	500	2000	5000
Iron	Fe	μg/l	240	0	100	200	500	1000
Lead	Pb	μg/l	0	0	25	50	75	
Manganese	Mn	μg/l	10	0	25	50	250	500
Zinc	Zn	μg/l	5	0	2500	5000	7500	10000
Boron	В	μg/l	10	0	2500	5000	7500	10000

**COMMENTS** Please note Lead has not been analysed in this sample. If you require a Lead analysis then please contact Julie or Matt (01603 781217).