

example of XRF report

XRF analysis report
Plant name: XXXXX
Samples received 12/31/04
PO: XXXXXXXXX

sample identification	sample volume (liters)	total micrograms of iron	iron concentration (ppb)	total micrograms of copper	copper concentration (ppb)	COMMENTS (other elements detected)
filter standard: Fe 565.47, Cu 71.70		569.2		70.33		
Unit 1 Condensate 122304 Filter	806.00	1147.00	1.42	5.03	0.01	Zn
Unit 1 Condensate 122304 Cation	806.00	20.37	0.03	<MDL	<0.002	Zn
Total	806.00	1167.37	1.45	5.03	0.01	
Unit 2 Condensate 122304 Filter	942.00	1476.37	1.57	<MDL	<0.002	Cr, Zn
Unit 2 Condensate 122304 Cation	942.00	29.88	0.03	<MDL	<0.002	Zn
Total	942.00	1506.25	1.60	<MDL	<0.002	
Unit 2 Feedwater 122304 Filter	820.00	1116.62	1.36	<MDL	<0.002	Zn, Pb
Unit 2 Feedwater 122304 Cation	820.00	176.93	0.22	<MDL	<0.002	Mn, Ni, Zn
Total	820.00	1293.55	1.58	<MDL	<0.002	
Unit 2 Condensate 123004 Filter	1190.00	1277.34	1.07	<MDL	<0.001	Zn
Unit 2 Condensate 123004 Cation	1190.00	15.63	0.01	<MDL	<0.001	Mn, Zn
Total	1190.00	1292.97	1.08	<MDL	<0.001	
Unit 1 Feedwater 123004 Filter	547.00	701.20	1.28	<MDL	<0.003	Zn
Unit 1 Feedwater 123004 Cation	547.00	1026.79	1.88	<MDL	<0.003	Mn, Ni, Zn
Total	547.00	1727.99	3.16	<MDL	<0.003	
Unit 2 Feedwater 123004 Filter	985.00	938.96	0.95	<MDL	<0.002	Zn, Pb
Unit 2 Feedwater 123004 Cation	985.00	148.06	0.15	<MDL	<0.002	Ti, Mn, Ni, Zn
Total	985.00	1087.02	1.10	<MDL	<0.002	
Unit 1 Condensate 123004 Filter	1024.00	1384.47	1.35	6.34	0.01	Zn
Unit 1 Condensate 123004 Cation	1024.00	28.84	0.03	<MDL	<0.001	Mn, Zn
Total	1024.00	1413.31	1.38	6.34	0.01	
filter standard: Fe 565.47, Cu 71.70		567.5		70.65		

MDL= minimum detection limit = 1.5 and 2.0 micrograms for Fe and Cu respectively