

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB93571

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB106910BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	02/27/2018	17:18
2	J1699-04		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	02/27/2018	17:21
3	J1699-04DUP		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	02/27/2018	17:24
4	J1699-08		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.06	4.77	02/27/2018	17:27
5	J1699-12		1	5.00	50	2.00	1.82	3.60	1.78	0.22	0.10	8.00	02/27/2018	17:30
6	J1699-16		1	5.02	50	2.00	3.60	5.38	1.78	0.22	0.10	7.97	02/27/2018	17:33
7	J1699-20		1	5.03	50	2.00	5.38	7.06	1.68	0.32	0.20	15.90	02/27/2018	17:36
8	J1699-24		1	5.02	50	2.00	7.06	8.80	1.74	0.26	0.14	11.16	02/27/2018	17:39
9	J1699-28		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	02/27/2018	17:42
10	J1699-32		1	5.01	50	2.00	1.86	3.50	1.64	0.36	0.24	19.16	02/27/2018	17:45
11	J1699-36		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.22	17.50	02/27/2018	17:48
12	J1699-40		1	5.00	50	2.00	1.66	3.22	1.56	0.44	0.32	25.60	02/27/2018	17:51

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
13	J1699-44		1	5.01	50	2.00	3.22	5.00	1.78	0.22	0.10	7.98	02/27/2018	17:54
14	J1699-48		1	5.04	50	2.00	5.00	6.56	1.56	0.44	0.32	25.40	02/27/2018	17:57
15	J1699-52		1	5.02	50	2.00	6.56	8.24	1.68	0.32	0.20	15.94	02/27/2018	18:00
16	J1699-56		1	5.05	50	2.00	0.00	1.62	1.62	0.38	0.26	20.59	02/27/2018	18:03
17	J1699-60		1	5.04	50	2.00	1.62	3.20	1.58	0.42	0.30	23.81	02/27/2018	18:06
18	J1699-64		1	5.01	50	2.00	3.20	4.86	1.66	0.34	0.22	17.56	02/27/2018	18:09
19	J1699-68		1	5.05	50	2.00	4.86	6.44	1.58	0.42	0.30	23.76	02/27/2018	18:12
20	J1699-72		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.08	6.32	02/27/2018	18:15
21	J1699-76		1	5.02	50	2.00	1.80	3.60	1.80	0.20	0.08	6.37	02/27/2018	18:18
22	J1699-80		1	5.03	50	2.00	3.60	5.34	1.74	0.26	0.14	11.13	02/27/2018	18:21
23	J1699-84		1	5.06	50	2.00	5.34	6.96	1.62	0.38	0.26	20.55	02/27/2018	18:24

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume