

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB98120

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB113150BL		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	09/24/2018	15:15
2	J4770-02		1	5.03	50	2.00	1.82	3.46	1.64	0.36	0.18	14.31	09/24/2018	15:18
3	J4770-02DUP		1	5.04	50	2.00	3.46	5.12	1.66	0.34	0.16	12.70	09/24/2018	15:22
4	J4770-04		1	5.06	50	2.00	0.00	1.62	1.62	0.38	0.20	15.81	09/24/2018	15:25
5	J4770-06		1	5.00	50	2.00	1.62	3.30	1.68	0.32	0.14	11.20	09/24/2018	15:28
6	J4770-08		1	5.02	50	2.00	3.30	4.82	1.52	0.48	0.30	23.90	09/24/2018	15:32
7	J4770-10		1	5.03	50	2.00	4.82	6.60	1.78	0.22	0.04	3.18	09/24/2018	15:35
8	J4770-12		1	5.07	50	2.00	6.60	8.00	1.40	0.60	0.42	33.14	09/24/2018	15:38
9	J4770-14		1	5.04	50	2.00	8.00	9.66	1.66	0.34	0.16	12.70	09/24/2018	15:42
10	J4770-16		1	5.05	50	2.00	0.00	1.30	1.30	0.70	0.52	41.19	09/24/2018	15:46
11	J4770-18		1	5.02	50	2.00	1.30	2.90	1.60	0.40	0.22	17.53	09/24/2018	15:52
12	J4770-20		1	5.03	50	2.00	2.90	4.02	1.12	0.88	0.70	55.67	09/24/2018	15:55

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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13	J5057-10		1	5.05	50	2.00	4.02	5.16	1.14	0.86	0.68	53.86	09/24/2018	15:58
14	J5059-04		1	5.00	50	2.00	5.16	6.40	1.24	0.76	0.58	46.40	09/24/2018	16:02
15	J5061-04		1	5.02	50	2.00	6.40	7.64	1.24	0.76	0.58	46.22	09/24/2018	16:05
16	J5061-09		1	5.03	50	2.00	7.64	8.64	1.00	1.00	0.82	65.21	09/24/2018	16:08
17	J5061-14		1	5.03	50	2.00	0.00	1.20	1.20	0.80	0.62	49.30	09/24/2018	16:12

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