

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97232

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	PB111951BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/10/2018	13:32
2	J4272-02		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.12	9.58	08/10/2018	13:35
3	J4272-02DUP		1	5.03	50	2.00	1.74	3.50	1.76	0.24	0.10	7.95	08/10/2018	13:38
4	J4272-04		1	5.02	50	2.00	3.50	5.30	1.80	0.20	0.06	4.78	08/10/2018	13:40
5	J4272-06		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.08	6.32	08/10/2018	13:42
6	J4272-08		1	5.02	50	2.00	1.78	3.54	1.76	0.24	0.10	7.97	08/10/2018	13:45
7	J4272-10		1	5.03	50	2.00	3.54	5.32	1.78	0.22	0.08	6.36	08/10/2018	13:48
8	J4272-12		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.46	36.51	08/10/2018	13:50
9	J4272-14		1	5.06	50	2.00	1.40	3.00	1.60	0.40	0.26	20.55	08/10/2018	13:52
10	J4272-16		1	5.04	50	2.00	3.00	4.80	1.80	0.20	0.06	4.76	08/10/2018	13:55
11	J4272-18		1	5.03	50	2.00	4.80	6.24	1.44	0.56	0.42	33.40	08/10/2018	13:58
12	J4272-20		1	5.01	50	2.00	6.24	7.98	1.74	0.26	0.12	9.58	08/10/2018	14:02

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	J4272-22		1	5.05	50	2.00	7.98	9.64	1.66	0.34	0.20	15.84	08/10/2018	14:05
14	J4274-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/10/2018	14:08
15	J4282-02		1	5.03	50	2.00	1.86	3.44	1.58	0.42	0.28	22.27	08/10/2018	14:10
16	J4282-04		1	5.01	50	2.00	3.44	4.98	1.54	0.46	0.32	25.55	08/10/2018	14:12
17	J4405-04		1	5.05	50	2.00	4.98	6.56	1.58	0.42	0.28	22.18	08/10/2018	14:15
18	J4417-01		1	5.04	50	2.00	6.56	8.02	1.46	0.54	0.40	31.75	08/10/2018	14:18

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