

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100895

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB117197BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/18/2019	16:05
2	K1508-04		1	5.02	50	2.00	1.92	3.64	1.72	0.28	0.20	15.94	02/18/2019	16:08
3	K1508-04DUP		1	5.04	50	2.00	3.64	5.38	1.74	0.26	0.18	14.29	02/18/2019	16:12
4	K1508-08		1	5.05	50	2.00	0.00	1.76	1.76	0.24	0.16	12.67	02/18/2019	16:15
5	K1508-12		1	5.00	50	2.00	1.76	3.48	1.72	0.28	0.20	16.00	02/18/2019	16:18
6	K1508-16		1	5.02	50	2.00	3.48	5.30	1.82	0.18	0.10	7.97	02/18/2019	16:22
7	K1511-02		1	5.03	50	2.00	5.30	7.20	1.90	0.10	0.02	1.59	02/18/2019	16:25
8	K1513-02		1	5.03	50	2.00	0.00	1.62	1.62	0.38	0.30	23.86	02/18/2019	16:28
9	K1513-04		1	5.01	50	2.00	1.62	3.26	1.64	0.36	0.28	22.36	02/18/2019	16:32
10	K1513-06		1	5.02	50	2.00	3.26	4.90	1.64	0.36	0.28	22.31	02/18/2019	16:35
11	K1517-10		1	5.04	50	2.00	4.90	6.60	1.70	0.30	0.22	17.46	02/18/2019	16:38
12	K1525-04		1	5.05	50	2.00	6.60	8.26	1.66	0.34	0.26	20.59	02/18/2019	16:42

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	K1525-08		1	5.01	50	2.00	0.00	1.68	1.68	0.32	0.24	19.16	02/18/2019	16:45

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