

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109274

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

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	PB129010BL		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	05/21/2020	13:45
2	L2497-08		1	5.02	50	2.00	1.80	3.54	1.74	0.26	0.06	4.78	05/21/2020	13:48
3	L2497-08DUP		1	5.04	50	2.00	3.54	5.30	1.76	0.24	0.04	3.17	05/21/2020	13:50
4	L2506-17		1	5.07	50	2.00	5.30	7.00	1.70	0.30	0.10	7.89	05/21/2020	13:52
5	L2713-01		1	5.05	50	2.00	0.00	1.56	1.56	0.44	0.24	19.01	05/21/2020	13:55
6	L2713-02		1	5.02	50	2.00	1.56	3.08	1.52	0.48	0.28	22.31	05/21/2020	13:58
7	L2727-01		1	5.03	50	2.00	3.08	4.62	1.54	0.46	0.26	20.68	05/21/2020	14:01
8	L2727-02		1	5.04	50	2.00	4.62	6.20	1.58	0.42	0.22	17.46	05/21/2020	14:04
9	L2728-02		1	5.02	50	2.00	6.20	7.74	1.54	0.46	0.26	20.72	05/21/2020	14:08
10	L2728-05		1	5.05	50	2.00	0.00	1.60	1.60	0.40	0.20	15.84	05/21/2020	14:10
11	L2728-08		1	5.09	50	2.00	1.60	3.22	1.62	0.38	0.18	14.15	05/21/2020	14:12
12	L2728-11		1	5.06	50	2.00	3.22	4.82	1.60	0.40	0.20	15.81	05/21/2020	14:15

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	L2728-14		1	5.02	50	2.00	4.82	6.48	1.66	0.34	0.14	11.16	05/21/2020	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