

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111333

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
IODINE SOLUTION .025N 1L	W2670
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	PB132111BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/06/2020	14:15
2	L4242-04		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.06	4.78	10/06/2020	14:18
3	L4242-04DUP		1	5.04	50	2.00	3.78	5.66	1.88	0.12	0.04	3.17	10/06/2020	14:22
4	L4242-06		1	5.05	50	2.00	5.66	7.50	1.84	0.16	0.08	6.34	10/06/2020	14:25
5	L4242-12		1	5.09	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	10/06/2020	14:28
6	L4242-14		1	5.07	50	2.00	1.86	3.70	1.84	0.16	0.08	6.31	10/06/2020	14:32
7	L4242-20		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.10	7.91	10/06/2020	14:35
8	L4247-11		1	5.08	50	2.00	5.52	7.40	1.88	0.12	0.04	3.15	10/06/2020	14:38
9	L4247-13		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	10/06/2020	14:40
10	L4260-04		1	5.06	50	2.00	1.86	3.70	1.84	0.16	0.08	6.32	10/06/2020	14:42
11	L4260-06		1	5.05	50	2.00	3.70	5.50	1.80	0.20	0.12	9.50	10/06/2020	14:45
12	L4260-12		1	5.03	50	2.00	5.50	7.32	1.82	0.18	0.10	7.95	10/06/2020	14:48

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	L4260-14		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	10/06/2020	14:50
14	L4264-01		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.06	4.77	10/06/2020	14:52
15	L4269-01		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.08	6.35	10/06/2020	14:55

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