

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117734

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB141255BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	12/09/2021	16:45
2	M4966-06		1	5.07	50	2.00	1.88	3.72	1.84	0.16	0.04	3.16	12/09/2021	16:48
3	M4966-06DUP		1	5.05	50	2.00	3.72	5.58	1.86	0.14	0.02	1.58	12/09/2021	16:50
4	M4966-15		1	5.06	50	2.00	5.58	7.40	1.82	0.18	0.06	4.74	12/09/2021	16:52
5	M4966-23		1	5.09	50	2.00	0.00	1.86	1.86	0.14	0.02	1.57	12/09/2021	16:55
6	M4966-30		1	5.08	50	2.00	1.86	3.70	1.84	0.16	0.04	3.15	12/09/2021	16:58
7	M4967-02		1	5.07	50	2.00	3.70	5.52	1.82	0.18	0.06	4.73	12/09/2021	17:00
8	M4967-05		1	5.06	50	2.00	5.52	7.40	1.88	0.12	0.00	0.00	12/09/2021	17:02
9	M4967-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.04	3.16	12/09/2021	17:05
10	M4967-11		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	12/09/2021	17:06
11	M4967-14		1	5.08	50	2.00	3.70	5.50	1.80	0.20	0.08	6.30	12/09/2021	17:08
12	M4989-08		1	5.09	50	2.00	5.50	7.32	1.82	0.18	0.06	4.72	12/09/2021	17:10

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	M4989-16		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.02	1.58	12/09/2021	17:12
14	M4990-14		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.06	4.74	12/09/2021	17:15
15	M4990-16		1	5.05	50	2.00	3.68	5.46	1.78	0.22	0.10	7.92	12/09/2021	17:18
16	M4990-18		1	5.04	50	2.00	5.46	7.30	1.84	0.16	0.04	3.17	12/09/2021	17:20

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