

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117192

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	PB140536BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	11/05/2021	17:10
2	M4475-07		1	5.05	50	2.00	1.90	3.74	1.84	0.16	0.10	7.92	11/05/2021	17:12
3	M4475-07DUP		1	5.06	50	2.00	3.74	5.60	1.86	0.14	0.08	6.32	11/05/2021	17:15
4	M4475-08		1	5.08	50	2.00	5.60	7.42	1.82	0.18	0.12	9.45	11/05/2021	17:18
5	M4475-09		1	5.09	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	11/05/2021	17:20
6	M4480-01		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.12	9.56	11/05/2021	17:22
7	M4497-02		1	5.06	50	2.00	3.70	5.54	1.84	0.16	0.10	7.91	11/05/2021	17:25
8	M4497-05		1	5.04	50	2.00	5.54	7.40	1.86	0.14	0.08	6.35	11/05/2021	17:28
9	M4497-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	11/05/2021	17:30
10	M4498-02		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.10	7.94	11/05/2021	17:32
11	M4498-05		1	5.00	50	2.00	3.70	5.52	1.82	0.18	0.12	9.60	11/05/2021	17:35
12	M4498-08		1	5.05	50	2.00	5.52	7.40	1.88	0.12	0.06	4.75	11/05/2021	17:38

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	M4499-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.10	7.97	11/05/2021	17:40
14	M4501-02		1	5.05	50	2.00	1.84	3.66	1.82	0.18	0.12	9.50	11/05/2021	17:42
15	M4537-02		1	1.00	50	2.00	3.66	5.58	1.92	0.08	0.02	8.00	11/05/2021	17:45
16	M4541-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	11/05/2021	17:48

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