

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119840

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	W2766

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	PB144369BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/26/2022	13:50
2	N2526-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	04/26/2022	13:52
3	N2526-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	04/26/2022	13:55
4	N2526-05		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	04/26/2022	13:58
5	N2526-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	04/26/2022	14:00
6	N2548-02		1	5.06	50	2.00	1.84	3.72	1.88	0.12	0.04	3.16	04/26/2022	14:02
7	N2548-05		1	5.08	50	2.00	3.72	5.58	1.86	0.14	0.06	4.72	04/26/2022	14:05
8	N2548-08		1	5.09	50	2.00	5.58	7.40	1.82	0.18	0.10	7.86	04/26/2022	14:08
9	N2548-11		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	04/26/2022	14:10
10	N2557-01		1	5.06	50	2.00	1.86	3.70	1.84	0.16	0.08	6.32	04/26/2022	14:12
11	N2559-02		1	5.04	50	2.00	3.70	5.58	1.88	0.12	0.04	3.17	04/26/2022	14:15
12	N2559-05		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.10	7.92	04/26/2022	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