

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119776

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	PB144270BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/21/2022	14:10
2	N2474-02		1	5.06	50	2.00	1.90	3.76	1.86	0.14	0.04	3.16	04/21/2022	14:12
3	N2474-02DUP		1	5.05	50	2.00	3.76	5.64	1.88	0.12	0.02	1.58	04/21/2022	14:15
4	N2474-05		1	5.04	50	2.00	5.64	7.46	1.82	0.18	0.08	6.35	04/21/2022	14:18
5	N2480-04		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	04/21/2022	14:20
6	N2480-08		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.04	3.18	04/21/2022	14:22
7	N2480-12		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.08	6.32	04/21/2022	14:25
8	N2480-16		1	5.08	50	2.00	5.52	7.40	1.88	0.12	0.02	1.57	04/21/2022	14:28
9	N2494-02		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.08	6.31	04/21/2022	14:30
10	N2494-05		1	5.09	50	2.00	1.82	3.70	1.88	0.12	0.02	1.57	04/21/2022	14:32
11	N2514-04		1	5.06	50	2.00	3.70	5.50	1.80	0.20	0.10	7.91	04/21/2022	14:35
12	N2514-08		1	5.07	50	2.00	5.50	7.34	1.84	0.16	0.06	4.73	04/21/2022	14:38

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