

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118591

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	PB142560BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	02/08/2022	17:40
2	N1427-02		1	5.05	50	2.00	1.94	3.82	1.88	0.12	0.06	4.75	02/08/2022	17:42
3	N1427-02DUP		1	5.04	50	2.00	3.82	5.72	1.90	0.10	0.04	3.17	02/08/2022	17:45
4	N1432-02		1	5.03	50	2.00	5.72	7.64	1.92	0.08	0.02	1.59	02/08/2022	17:48
5	N1432-05		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	02/08/2022	17:50
6	N1432-08		1	5.06	50	2.00	1.90	3.82	1.92	0.08	0.02	1.58	02/08/2022	17:52
7	N1432-11		1	5.03	50	2.00	3.82	5.70	1.88	0.12	0.06	4.77	02/08/2022	17:55
8	N1432-14		1	5.04	50	2.00	5.70	7.60	1.90	0.10	0.04	3.17	02/08/2022	17:58
9	N1432-17		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	02/08/2022	18:00
10	N1432-20		1	5.08	50	2.00	1.92	3.82	1.90	0.10	0.04	3.15	02/08/2022	18:02

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