

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB121633

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
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	PB147185BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/22/2022	14:40
2	N4224-02		1	5.04	50	2.00	1.92	3.76	1.84	0.16	0.08	6.35	08/22/2022	14:42
3	N4224-02DUP		1	5.08	50	2.00	3.76	5.62	1.86	0.14	0.06	4.72	08/22/2022	14:44
4	N4224-05		1	5.02	50	2.00	5.62	7.52	1.90	0.10	0.02	1.59	08/22/2022	14:46
5	N4224-12		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/22/2022	14:48
6	N4255-01		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.08	6.37	08/22/2022	14:50
7	N4259-01		1	5.07	50	2.00	3.72	5.60	1.88	0.12	0.04	3.16	08/22/2022	14:52
8	N4259-02		1	5.03	50	2.00	5.60	7.50	1.90	0.10	0.02	1.59	08/22/2022	14:55
9	N4259-03		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	08/22/2022	14:58
10	N4261-02		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.08	6.35	08/22/2022	15:00

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