

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB122502

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 Volume (mL)	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	PB148389BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/17/2022	12:20
2	N5093-03		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	10/17/2022	12:23
3	N5093-03DUP		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	10/17/2022	12:25
4	N5093-04		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	10/17/2022	12:28
5	N5096-05		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	10/17/2022	12:30
6	N5096-06		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	10/17/2022	12:32
7	N5096-07		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	10/17/2022	12:35
8	N5110-02		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	10/17/2022	12:38
9	N5133-03		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	10/17/2022	12:40
10	N5158-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	10/17/2022	12:43

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