

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB121694

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	PB147261BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/24/2022	15:50
2	N4294-07		1	50	50	2.00	1.92	3.80	1.88	0.12	0.04	0.32	08/24/2022	15:52
3	N4294-07DUP		1	50	50	2.00	3.80	5.66	1.86	0.14	0.06	0.48	08/24/2022	15:55
4	N4294-08		1	50	50	2.00	5.66	7.56	1.90	0.10	0.02	0.16	08/24/2022	15:58
5	N4294-09		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	08/24/2022	16:00
6	N4325-04		1	50	50	2.00	1.90	3.76	1.86	0.14	0.06	0.48	08/24/2022	16:03
7	N4325-05		1	50	50	2.00	3.76	5.64	1.88	0.12	0.04	0.32	08/24/2022	16:05
8	N4325-06		1	50	50	2.00	5.64	7.50	1.86	0.14	0.06	0.48	08/24/2022	16:08

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