

Analysis Method: 9034

ANALYST: Iwona

Parameter: Sulfide

SUPERVISOR REVIEW BY: Sohil

Run Number: LB126147

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

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)	AnalDate	Anal Time
1	PB153731BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	06/23/2023	12:50
2	PB153731BS	250	1	5.00	50	5.00	0.00	2.28	2.28	2.72	2.64	211.20	06/23/2023	12:58
3	O3308-01		1	5.04	50	5.00	0.00	4.82	4.82	0.18	0.10	7.94	06/23/2023	13:05
4	O3308-01DUP		1	5.02	50	5.00	0.00	4.84	4.84	0.16	0.08	6.37	06/23/2023	13:12
5	O3308-01MS	250	1	5.02	50	5.00	0.00	2.22	2.22	2.78	2.70	215.14	06/23/2023	13:20
6	O3308-01MSD	250	1	5.02	50	5.00	0.00	2.24	2.24	2.76	2.68	213.55	06/23/2023	13:28
7	O3308-04		1	5.03	50	5.00	0.00	4.84	4.84	0.16	0.08	6.36	06/23/2023	13:35

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