

Analysis Method: 9034

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124099

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

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)	AnalDate	Anal Time
1	PB150868BL		1	50	50	5.00	0.00	4.93	4.93	0.07	0.00	0.00	02/14/2023	13:25
2	PB150868BS	25	1	50	50	5.00	0.00	1.94	1.94	3.06	2.99	23.92	02/14/2023	13:31
3	O1509-02		1	50	50	5.00	0.00	4.22	4.22	0.78	0.71	5.68	02/14/2023	13:34
4	O1509-02DUP		1	50	50	5.00	0.00	4.20	4.20	0.80	0.73	5.84	02/14/2023	13:38
5	O1509-02MS	25	1	50	50	5.00	0.00	1.86	1.86	3.14	3.07	24.56	02/14/2023	13:42
6	O1509-02MSD	25	1	50	50	5.00	0.00	1.84	1.84	3.16	3.09	24.72	02/14/2023	13:46
7	O1516-02		1	50	50	5.00	0.00	4.42	4.42	0.58	0.51	4.08	02/14/2023	13:49
8	O1532-02		1	50	50	5.00	0.00	4.50	4.50	0.50	0.43	3.44	02/14/2023	13:53
9	O1532-05		1	50	50	5.00	0.00	4.52	4.52	0.48	0.41	3.28	02/14/2023	13:56

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