

Analysis Method: 9034

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122857

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)	AnalDate	Anal Time
1	PB148938BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	11/10/2022	16:30
2	PB148938BS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.68	21.44	11/10/2022	16:43
3	N5514-04		1	50	50	5.00	0.00	4.00	4.00	1.00	0.90	7.20	11/10/2022	16:48
4	N5514-08		1	50	50	5.00	0.00	4.04	4.04	0.96	0.86	6.88	11/10/2022	16:51
5	N5551-03		1	50	50	5.00	0.00	4.02	4.02	0.98	0.88	7.04	11/10/2022	16:55
6	N5551-03DUP		1	50	50	5.00	0.00	4.02	4.02	0.98	0.88	7.04	11/10/2022	16:59
7	N5551-05	25	1	50	50	5.00	0.00	1.02	1.02	3.98	3.88	31.04	11/10/2022	17:03
8	N5551-06	25	1	50	50	5.00	0.00	1.02	1.02	3.98	3.88	31.04	11/10/2022	17:08
9	N5551-13		1	50	50	5.00	0.00	4.04	4.04	0.96	0.86	6.88	11/10/2022	17:12
10	N5551-15		1	50	50	5.00	0.00	4.02	4.02	0.98	0.88	7.04	11/10/2022	17:15

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