

Analysis Method: 9034

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123416

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	PB149830BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	12/14/2022	13:27
2	PB149830BS	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.76	22.08	12/14/2022	13:30
3	N5978-01		1	50	50	5.00	0.00	4.42	4.42	0.58	0.46	3.68	12/14/2022	13:35
4	N5978-01DUP		1	50	50	5.00	0.00	4.40	4.40	0.60	0.48	3.84	12/14/2022	13:40
5	N5978-01MS	25	1	50	50	5.00	0.00	1.60	1.60	3.40	3.28	26.24	12/14/2022	13:38
6	N5978-01MSD	25	1	50	50	5.00	0.00	1.58	1.58	3.42	3.30	26.40	12/14/2022	13:42
7	N5978-03		1	50	50	5.00	0.00	4.34	4.34	0.66	0.54	4.32	12/14/2022	13:45
8	N5978-04		1	50	50	5.00	0.00	4.32	4.32	0.68	0.56	4.48	12/14/2022	13:48
9	N5978-05		1	50	50	5.00	0.00	4.38	4.38	0.62	0.50	4.00	12/14/2022	13:52
10	N5978-10		1	50	50	5.00	0.00	4.40	4.40	0.60	0.48	3.84	12/14/2022	13:55
11	N5978-11		1	50	50	5.00	0.00	4.42	4.42	0.58	0.46	3.68	12/14/2022	13:58

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