

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120736

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB145638BL		1	50	50	5.00	0.00	4.78	4.78	0.22	0.00	0.00	06/17/2022	14:15
2	PB145638BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.50	20.00	06/17/2022	14:18
3	N3214-10		1	50	50	5.00	0.00	4.42	4.42	0.58	0.36	2.88	06/17/2022	14:20
4	N3214-11		1	50	50	5.00	0.00	4.38	4.38	0.62	0.40	3.20	06/17/2022	14:22
5	N3370-01		1	50	50	5.00	0.00	4.66	4.66	0.34	0.12	0.96	06/17/2022	14:25
6	N3370-01DUP		1	50	50	5.00	0.00	4.68	4.68	0.32	0.10	0.80	06/17/2022	14:28
7	N3370-01MS	25	1	50	50	5.00	0.00	3.26	3.26	1.74	1.52	12.16	06/17/2022	14:30
8	N3370-01MSD	25	1	50	50	5.00	3.26	6.50	3.24	1.76	1.54	12.32	06/17/2022	14:32
9	N3370-06		1	50	50	5.00	0.00	4.48	4.48	0.52	0.30	2.40	06/17/2022	14:35
10	N3379-01		1	50	50	5.00	4.48	9.04	4.56	0.44	0.22	1.76	06/17/2022	14:38
11	N3379-03		1	50	50	5.00	0.00	4.40	4.40	0.60	0.38	3.04	06/17/2022	14:40

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

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12	N3379-04		1	50	50	5.00	4.40	9.00	4.60	0.40	0.18	1.44	06/17/2022	14:42
13	N3379-07		1	50	50	5.00	0.00	4.30	4.30	0.70	0.48	3.84	06/17/2022	14:45

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