

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121043

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 Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB146200BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	07/13/2022	13:50
2	N3648-02		1	5.06	50	2.00	1.96	3.90	1.94	0.06	0.02	1.58	07/13/2022	13:52
3	N3648-02DUP		1	5.04	50	2.00	3.90	5.82	1.92	0.08	0.04	3.17	07/13/2022	13:55
4	N3648-05		1	5.05	50	2.00	5.82	7.72	1.90	0.10	0.06	4.75	07/13/2022	13:58
5	N3663-02		1	5.07	50	2.00	0.00	1.92	1.92	0.08	0.04	3.16	07/13/2022	14:00
6	N3682-01		1	5.06	50	2.00	1.92	3.80	1.88	0.12	0.08	6.32	07/13/2022	14:02
7	N3682-02		1	5.09	50	2.00	3.80	5.70	1.90	0.10	0.06	4.72	07/13/2022	14:05
8	N3682-03		1	5.07	50	2.00	5.70	7.64	1.94	0.06	0.02	1.58	07/13/2022	14:08
9	N3682-04		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.06	4.72	07/13/2022	14:10
10	N3687-05		1	5.06	50	2.00	1.90	3.78	1.88	0.12	0.08	6.32	07/13/2022	14:12
11	N3687-06		1	5.04	50	2.00	3.78	5.70	1.92	0.08	0.04	3.17	07/13/2022	14:15

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