

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120974

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	PB146096BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/07/2022	16:20
2	N3578-02		1	5.06	50	2.00	1.92	3.80	1.88	0.12	0.04	3.16	07/07/2022	16:22
3	N3578-02DUP		1	5.07	50	2.00	3.80	5.70	1.90	0.10	0.02	1.58	07/07/2022	16:25
4	N3578-05		1	5.08	50	2.00	5.70	7.54	1.84	0.16	0.08	6.30	07/07/2022	16:28
5	N3578-08		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	07/07/2022	16:30
6	N3583-01		1	5.04	50	2.00	1.86	3.74	1.88	0.12	0.04	3.17	07/07/2022	16:32
7	N3590-02		1	5.07	50	2.00	3.74	5.64	1.90	0.10	0.02	1.58	07/07/2022	16:35
8	N3590-05		1	5.09	50	2.00	5.64	7.50	1.86	0.14	0.06	4.72	07/07/2022	16:38
9	N3604-01		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	07/07/2022	16:40
10	N3604-02		1	5.07	50	2.00	1.88	3.78	1.90	0.10	0.02	1.58	07/07/2022	16:42
11	N3604-03		1	5.06	50	2.00	3.78	5.62	1.84	0.16	0.08	6.32	07/07/2022	16:45

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