

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB118310

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	W2703

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	PB142151BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/20/2022	11:15
2	N1186-02		1	5.05	50	2.00	1.94	3.84	1.90	0.10	0.04	3.17	01/20/2022	11:18
3	N1186-02DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	01/20/2022	11:20
4	N1186-03		1	5.03	50	2.00	5.76	7.64	1.88	0.12	0.06	4.77	01/20/2022	11:22
5	N1186-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	01/20/2022	11:25
6	N1186-05		1	5.06	50	2.00	1.86	3.70	1.84	0.16	0.10	7.91	01/20/2022	11:28
7	N1186-08		1	5.08	50	2.00	3.70	5.60	1.90	0.10	0.04	3.15	01/20/2022	11:30
8	N1188-02		1	5.09	50	2.00	5.60	7.48	1.88	0.12	0.06	4.72	01/20/2022	11:32

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