

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120287

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 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	PB144980BL		1	5.00	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	05/20/2022	17:40
2	N2905-01		1	5.06	50	2.00	1.98	3.90	1.92	0.08	0.06	4.74	05/20/2022	17:42
3	N2905-01DUP		1	5.04	50	2.00	3.90	5.84	1.94	0.06	0.04	3.17	05/20/2022	17:45
4	N2910-01		1	5.05	50	2.00	5.84	7.80	1.96	0.04	0.02	1.58	05/20/2022	17:48
5	N2912-02		1	5.07	50	2.00	0.00	1.96	1.96	0.04	0.02	1.58	05/20/2022	17:50
6	N2917-01		1	5.06	50	2.00	1.96	3.90	1.94	0.06	0.04	3.16	05/20/2022	17:52
7	N2917-02		1	5.07	50	2.00	3.90	5.82	1.92	0.08	0.06	4.73	05/20/2022	17:55
8	N2917-03		1	5.08	50	2.00	5.82	7.78	1.96	0.04	0.02	1.57	05/20/2022	17:58
9	N2917-04		1	5.09	50	2.00	0.00	1.94	1.94	0.06	0.04	3.14	05/20/2022	18:00
10	N2917-05		1	5.04	50	2.00	1.94	3.86	1.92	0.08	0.06	4.76	05/20/2022	18:02
11	N2917-06		1	5.05	50	2.00	3.86	5.76	1.90	0.10	0.08	6.34	05/20/2022	18:05
12	N2959-03		1	5.06	50	2.00	5.76	7.70	1.94	0.06	0.04	3.16	05/20/2022	18:08

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