

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101634

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB118286BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/26/2019	12:15
2	K1693-14		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	03/26/2019	12:18
3	K1693-14DUP		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.04	3.17	03/26/2019	12:22
4	K1693-16		1	5.05	50	2.00	3.70	5.50	1.80	0.20	0.10	7.92	03/26/2019	12:25
5	K2081-02		1	5.00	50	2.00	5.50	7.38	1.88	0.12	0.02	1.60	03/26/2019	12:28
6	K2081-04		1	5.02	50	2.00	7.38	9.16	1.78	0.22	0.12	9.56	03/26/2019	12:30
7	K2081-15		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	03/26/2019	12:32
8	K2081-17		1	5.01	50	2.00	1.86	3.60	1.74	0.26	0.16	12.77	03/26/2019	12:35
9	K2081-19		1	5.04	50	2.00	3.60	5.22	1.62	0.38	0.28	22.22	03/26/2019	12:38
10	K2091-02		1	5.01	50	2.00	5.22	6.94	1.72	0.28	0.18	14.37	03/26/2019	12:40

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