

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101579

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	PB118188BL		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	03/22/2019	12:15
2	K2040-02		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.06	4.78	03/22/2019	12:18
3	K2040-02DUP		1	5.04	50	2.00	1.74	3.46	1.72	0.28	0.08	6.35	03/22/2019	12:20
4	K2040-04		1	5.05	50	2.00	3.46	5.20	1.74	0.26	0.06	4.75	03/22/2019	12:22
5	K2040-06		1	5.00	50	2.00	5.20	6.96	1.76	0.24	0.04	3.20	03/22/2019	12:25
6	K2050-07		1	5.03	50	2.00	6.96	8.62	1.66	0.34	0.14	11.13	03/22/2019	12:28
7	K2050-08		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.02	1.58	03/22/2019	12:32
8	K2050-09		1	5.01	50	2.00	1.78	3.56	1.78	0.22	0.02	1.60	03/22/2019	12:35
9	K2050-10		1	5.04	50	2.00	3.56	5.26	1.70	0.30	0.10	7.94	03/22/2019	12:38
10	K2050-11		1	5.02	50	2.00	5.26	6.86	1.60	0.40	0.20	15.94	03/22/2019	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