

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100418

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB116531BL		1	5.09	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/21/2019	14:30
2	K1009-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	01/21/2019	14:32
3	K1009-02DUP		1	5.04	50	2.00	1.88	3.74	1.86	0.14	0.04	3.17	01/21/2019	14:35
4	K1009-04		1	5.08	50	2.00	0.00	1.80	1.80	0.20	0.10	7.87	01/21/2019	14:38
5	K1009-06		1	5.07	50	2.00	1.80	3.58	1.78	0.22	0.12	9.47	01/21/2019	14:42
6	K1009-08		1	5.08	50	2.00	3.58	5.42	1.84	0.16	0.06	4.72	01/21/2019	14:45
7	K1013-02		1	5.09	50	2.00	0.00	1.68	1.68	0.32	0.22	17.29	01/21/2019	14:48
8	K1013-04		1	5.06	50	2.00	1.68	3.56	1.88	0.12	0.02	1.58	01/21/2019	14:52
9	K1013-06		1	5.07	50	2.00	3.56	5.32	1.76	0.24	0.14	11.05	01/21/2019	14:55
10	K1013-08		1	5.08	50	2.00	5.32	7.20	1.88	0.12	0.02	1.57	01/21/2019	14:58

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