

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100202

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 Volume (mL)	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	PB116223BL		1	50	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	01/08/2019	13:10
2	K1053-02		1	50	50	2.00	1.92	3.64	1.72	0.28	0.26	2.08	01/08/2019	13:11
3	K1053-05		1	50	50	2.00	3.64	5.48	1.84	0.16	0.14	1.12	01/08/2019	13:12
4	K1053-08		1	50	50	2.00	5.48	7.42	1.94	0.06	0.04	0.32	01/08/2019	13:14
5	K1053-11		1	50	50	2.00	7.48	9.28	1.80	0.20	0.18	1.44	01/08/2019	13:15
6	K1059-04		1	50	50	2.00	3.70	5.62	1.92	0.08	0.06	0.48	01/08/2019	13:16
7	K1061-02		1	50	50	2.00	0.00	1.94	1.94	0.06	0.04	0.32	01/08/2019	13:17
8	K1061-02DUP		1	50	50	2.00	1.94	3.88	1.94	0.06	0.04	0.32	01/08/2019	13:16
9	K1064-06		1	50	50	2.00	1.94	3.86	1.92	0.08	0.06	0.48	01/08/2019	13:18

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