

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101609

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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	PB118249BL		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	03/25/2019	12:15
2	K2058-02		1	5.02	50	2.00	1.82	3.54	1.72	0.28	0.10	7.97	03/25/2019	12:18
3	K2058-02DUP		1	5.04	50	2.00	3.54	5.28	1.74	0.26	0.08	6.35	03/25/2019	12:22
4	K2058-04		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.02	1.58	03/25/2019	12:25
5	K2061-02		1	5.00	50	2.00	1.80	3.58	1.78	0.22	0.04	3.20	03/25/2019	12:28
6	K2071-03		1	5.02	50	2.00	3.58	5.20	1.62	0.38	0.20	15.94	03/25/2019	12:32
7	K2071-04		1	5.03	50	2.00	5.20	7.00	1.80	0.20	0.02	1.59	03/25/2019	12:35
8	K2071-06		1	5.06	50	2.00	7.00	8.62	1.62	0.38	0.20	15.81	03/25/2019	12:38

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