

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101850

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	PB118583BL		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	04/03/2019	14:05
2	K2197-02		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.02	1.59	04/03/2019	14:08
3	K2197-02DUP		1	5.04	50	2.00	3.74	5.58	1.84	0.16	0.04	3.17	04/03/2019	14:12
4	K2197-04		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.06	4.75	04/03/2019	14:15
5	K2199-02		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.04	3.20	04/03/2019	14:18
6	K2199-04		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	04/03/2019	14:22
7	K2203-02		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.06	4.77	04/03/2019	14:25
8	K2203-04		1	5.01	50	2.00	5.52	7.36	1.84	0.16	0.04	3.19	04/03/2019	14:28
9	K2214-04		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.02	1.60	04/03/2019	14:32
10	K2214-08		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.06	4.78	04/03/2019	14:35
11	K2221-02		1	5.03	50	2.00	3.68	5.52	1.84	0.16	0.04	3.18	04/03/2019	14:38
12	K2221-04		1	5.02	50	2.00	5.52	7.38	1.86	0.14	0.02	1.59	04/03/2019	14:42

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