

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105615

ANALYST: Daniel
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
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	PB123828BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/10/2019	12:00
2	K5145-03		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	10/10/2019	12:02
3	K5145-03DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	10/10/2019	12:04
4	K5297-05		1	5.01	50	2.00	5.64	7.48	1.84	0.16	0.06	4.79	10/10/2019	12:05
5	K5297-07		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.02	1.60	10/10/2019	12:07
6	K5297-09		1	5.03	50	2.00	1.88	3.74	1.86	0.14	0.04	3.18	10/10/2019	12:09
7	K5297-11		1	5.02	50	2.00	3.74	5.58	1.84	0.16	0.06	4.78	10/10/2019	12:11
8	K5297-13		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.08	6.35	10/10/2019	12:12
9	K5297-15		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	10/10/2019	12:14
10	K5297-17		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.06	4.78	10/10/2019	12:16
11	K5300-04		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.08	6.36	10/10/2019	12:18
12	K5300-08		1	5.00	50	2.00	5.52	7.32	1.80	0.20	0.10	8.00	10/10/2019	12:20

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