

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102838

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB119838BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	05/17/2019	14:05
2	K2643-06		1	5.02	50	2.00	1.80	3.56	1.76	0.24	0.04	3.19	05/17/2019	14:08
3	K2643-06DUP		1	5.04	50	2.00	3.56	5.34	1.78	0.22	0.02	1.59	05/17/2019	14:12
4	K2643-08		1	5.05	50	2.00	0.00	1.72	1.72	0.28	0.08	6.34	05/17/2019	14:15
5	K2648-02		1	5.00	50	2.00	1.72	3.48	1.76	0.24	0.04	3.20	05/17/2019	14:18
6	K2869-12		1	5.02	50	2.00	3.48	5.14	1.66	0.34	0.14	11.16	05/17/2019	14:22
7	K2880-03		1	5.03	50	2.00	5.14	6.92	1.78	0.22	0.02	1.59	05/17/2019	14:25
8	K2896-04		1	5.02	50	2.00	6.92	8.58	1.66	0.34	0.14	11.16	05/17/2019	14:28
9	K2896-08		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.20	15.90	05/17/2019	14:32
10	K2899-01		1	5.04	50	2.00	1.60	3.36	1.76	0.24	0.04	3.17	05/17/2019	14:35
11	K2900-03		1	5.03	50	2.00	3.36	4.98	1.62	0.38	0.18	14.31	05/17/2019	14:38

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