

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104826

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
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	PB122596BL		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/27/2019	14:15
2	K4086-08		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	08/27/2019	14:18
3	K4086-08DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	08/27/2019	14:22
4	K4088-14		1	5.05	50	2.00	5.76	7.64	1.88	0.12	0.06	4.75	08/27/2019	14:25
5	K4092-11		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.08	6.40	08/27/2019	14:28
6	K4093-10		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.10	7.97	08/27/2019	14:32
7	K4506-02		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.14	11.13	08/27/2019	14:35
8	K4543-04		1	5.02	50	2.00	5.50	7.32	1.82	0.18	0.12	9.56	08/27/2019	14:38
9	K4543-08		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	08/27/2019	14:42
10	K4543-12		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.12	9.56	08/27/2019	14:45
11	K4543-16		1	5.03	50	2.00	3.68	5.54	1.86	0.14	0.08	6.36	08/27/2019	14:48

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