

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103862

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB121239BL		1	5.01	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	07/09/2019	14:05
2	K3627-02		1	5.03	50	2.00	1.78	3.52	1.74	0.26	0.04	3.18	07/09/2019	14:08
3	K3627-02DUP		1	5.02	50	2.00	3.52	5.28	1.76	0.24	0.02	1.59	07/09/2019	14:12
4	K3687-07		1	5.04	50	2.00	5.28	7.00	1.72	0.28	0.06	4.76	07/09/2019	14:15
5	K3687-08		1	5.02	50	2.00	7.00	8.72	1.72	0.28	0.06	4.78	07/09/2019	14:18
6	K3693-02		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.04	3.18	07/09/2019	14:22
7	K3694-08		1	5.06	50	2.00	1.74	3.42	1.68	0.32	0.10	7.91	07/09/2019	14:25
8	K3695-01		1	5.04	50	2.00	3.42	5.08	1.66	0.34	0.12	9.52	07/09/2019	14:28
9	K3695-02		1	5.01	50	2.00	5.08	6.82	1.74	0.26	0.04	3.19	07/09/2019	14:32
10	K3695-03		1	5.02	50	2.00	6.82	8.48	1.66	0.34	0.12	9.56	07/09/2019	14:35
11	K3697-03		1	5.05	50	2.00	0.00	1.68	1.68	0.32	0.10	7.92	07/09/2019	14:38
12	K3697-06		1	5.02	50	2.00	1.68	3.34	1.66	0.34	0.12	9.56	07/09/2019	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