

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104152

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	PB121631BL		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/22/2019	13:15
2	K3881-02		1	5.03	50	2.00	1.90	3.74	1.84	0.16	0.06	4.77	07/22/2019	13:18
3	K3881-02DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	07/22/2019	13:22
4	K3886-02		1	5.05	50	2.00	5.60	7.42	1.82	0.18	0.08	6.34	07/22/2019	13:25
5	K3887-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	07/22/2019	13:28
6	K3887-04		1	5.02	50	2.00	1.88	3.68	1.80	0.20	0.10	7.97	07/22/2019	13:32
7	K3887-06		1	5.06	50	2.00	3.68	5.50	1.82	0.18	0.08	6.32	07/22/2019	13:35
8	K3887-08		1	5.01	50	2.00	5.50	7.34	1.84	0.16	0.06	4.79	07/22/2019	13:38
9	K3891-07		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.04	3.20	07/22/2019	13:42
10	K3900-02		1	5.04	50	2.00	1.86	3.68	1.82	0.18	0.08	6.35	07/22/2019	13:45

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