

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103743

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	PB121079BL		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	07/01/2019	14:32
2	K3158-10		1	5.02	50	2.00	1.84	3.58	1.74	0.26	0.10	7.97	07/01/2019	14:35
3	K3158-10DUP		1	5.04	50	2.00	3.58	5.34	1.76	0.24	0.08	6.35	07/01/2019	14:38
4	K3160-08		1	5.05	50	2.00	5.34	7.16	1.82	0.18	0.02	1.58	07/01/2019	14:42
5	K3160-10		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.02	1.60	07/01/2019	14:45
6	K3160-12		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.04	3.19	07/01/2019	14:48
7	K3592-02		1	5.03	50	2.00	3.62	5.40	1.78	0.22	0.06	4.77	07/01/2019	14:52
8	K3592-04		1	5.02	50	2.00	5.40	7.20	1.80	0.20	0.04	3.19	07/01/2019	14:55
9	K3601-02		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.10	7.98	07/01/2019	14:58
10	K3601-04		1	5.04	50	2.00	1.74	3.42	1.68	0.32	0.16	12.70	07/01/2019	15:02
11	K3606-05		1	5.03	50	2.00	3.42	5.10	1.68	0.32	0.16	12.72	07/01/2019	15:05

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