

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104317

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	PB121806BL		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/30/2019	11:35
2	K3621-08		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	07/30/2019	11:38
3	K3621-08DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	07/30/2019	11:42
4	K3622-14		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	07/30/2019	11:45
5	K3622-16		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	07/30/2019	11:48
6	K4044-04		1	5.02	50	2.00	1.90	3.70	1.80	0.20	0.12	9.56	07/30/2019	11:52
7	K4044-06		1	5.03	50	2.00	3.70	5.54	1.84	0.16	0.08	6.36	07/30/2019	11:55
8	K4044-10		1	5.02	50	2.00	5.54	7.40	1.86	0.14	0.06	4.78	07/30/2019	11:58
9	K4044-16		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	07/30/2019	12:02
10	K4044-18		1	5.04	50	2.00	1.88	3.78	1.90	0.10	0.02	1.59	07/30/2019	12:05

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