

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100839

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
IODINE SOLUTION .025N 1L	W2410
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	PB117112BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	02/14/2019	14:10
2	K1349-06		1	5.02	50	2.00	1.88	3.68	1.80	0.20	0.08	6.37	02/14/2019	14:14
3	K1349-06DUP		1	5.04	50	2.00	3.68	5.50	1.82	0.18	0.06	4.76	02/14/2019	14:17
4	K1349-08		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	02/14/2019	14:20
5	K1350-06		1	5.00	50	2.00	1.84	3.52	1.68	0.32	0.20	16.00	02/14/2019	14:22
6	K1350-08		1	5.02	50	2.00	3.52	5.26	1.74	0.26	0.14	11.16	02/14/2019	14:25
7	K1350-10		1	5.03	50	2.00	5.26	6.94	1.68	0.32	0.20	15.90	02/14/2019	14:28
8	K1479-01		1	5.02	50	2.00	6.94	8.56	1.62	0.38	0.26	20.72	02/14/2019	14:32
9	K1480-01		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.24	19.09	02/14/2019	14:35

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