

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103324

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB120481BL		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/10/2019	13:32
2	K3163-06		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	06/10/2019	13:35
3	K3163-06DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	06/10/2019	13:38
4	K3163-08		1	5.05	50	2.00	5.64	7.46	1.82	0.18	0.08	6.34	06/10/2019	13:42
5	K3262-01		1	5.00	50	2.00	0.00	1.78	1.78	0.22	0.12	9.60	06/10/2019	13:45
6	K3265-09		1	5.02	50	2.00	1.78	3.62	1.84	0.16	0.06	4.78	06/10/2019	13:48
7	K3265-10		1	5.03	50	2.00	3.62	5.48	1.86	0.14	0.04	3.18	06/10/2019	13:52
8	K3265-11		1	5.02	50	2.00	5.48	7.30	1.82	0.18	0.08	6.37	06/10/2019	13:55
9	K3265-12		1	5.03	50	2.00	7.30	9.16	1.86	0.14	0.04	3.18	06/10/2019	13:58

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