

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103274

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	PB120430BL		1	5.01	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/07/2019	14:15
2	K3158-02		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	06/07/2019	14:18
3	K3158-02DUP		1	5.04	50	2.00	3.84	5.72	1.88	0.12	0.06	4.76	06/07/2019	14:22
4	K3160-02		1	5.05	50	2.00	5.72	7.64	1.92	0.08	0.02	1.58	06/07/2019	14:25
5	K3160-04		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.08	6.40	06/07/2019	14:28
6	K3160-06		1	5.02	50	2.00	1.86	3.64	1.78	0.22	0.16	12.75	06/07/2019	14:32
7	K3250-01		1	5.03	50	2.00	3.64	5.52	1.88	0.12	0.06	4.77	06/07/2019	14:35
8	K3250-02		1	5.02	50	2.00	5.52	7.42	1.90	0.10	0.04	3.19	06/07/2019	14:38

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