

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103618

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	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	PB120912BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/25/2019	13:30
2	K3156-06		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	06/25/2019	13:32
3	K3156-06DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	06/25/2019	13:35
4	K3503-01		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	06/25/2019	13:38
5	K3510-02		1	5.00	50	2.00	7.48	9.30	1.82	0.18	0.08	6.40	06/25/2019	13:42
6	K3511-02		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.16	12.75	06/25/2019	13:45
7	K3511-04		1	5.03	50	2.00	1.74	3.56	1.82	0.18	0.08	6.36	06/25/2019	13:48
8	K3512-04		1	5.02	50	2.00	3.56	5.24	1.68	0.32	0.22	17.53	06/25/2019	13:52
9	K3512-08		1	5.01	50	2.00	5.24	7.06	1.82	0.18	0.08	6.39	06/25/2019	13:55

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