

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104637

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
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	PB122299BL		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	08/15/2019	12:15
2	K4356-02		1	5.02	50	2.00	1.96	3.88	1.92	0.08	0.04	3.19	08/15/2019	12:18
3	K4356-02DUP		1	5.04	50	2.00	3.88	5.82	1.94	0.06	0.02	1.59	08/15/2019	12:22
4	K4356-04		1	5.05	50	2.00	5.82	7.76	1.94	0.06	0.02	1.58	08/15/2019	12:25
5	K4356-06		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.10	8.00	08/15/2019	12:28
6	K4356-08		1	5.03	50	2.00	1.86	3.78	1.92	0.08	0.04	3.18	08/15/2019	12:32
7	K4356-10		1	5.06	50	2.00	3.78	5.68	1.90	0.10	0.06	4.74	08/15/2019	12:35
8	K4356-12		1	5.02	50	2.00	5.68	7.50	1.82	0.18	0.14	11.16	08/15/2019	12:38
9	K4356-14		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.06	4.76	08/15/2019	12:40

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