

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104493

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
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	PB122083BL		1	5.04	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	08/08/2019	13:30
2	K3613-02		1	5.02	50	2.00	1.98	3.92	1.94	0.06	0.04	3.19	08/08/2019	13:32
3	K3613-02DUP		1	5.04	50	2.00	3.92	5.88	1.96	0.04	0.02	1.59	08/08/2019	13:35
4	K3613-04		1	5.05	50	2.00	5.88	7.80	1.92	0.08	0.06	4.75	08/08/2019	13:38
5	K3613-06		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.02	1.60	08/08/2019	13:40
6	K4092-02		1	5.02	50	2.00	1.96	3.84	1.88	0.12	0.10	7.97	08/08/2019	13:42
7	K4092-04		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.04	3.18	08/08/2019	13:45
8	K4092-06		1	5.02	50	2.00	1.94	3.90	1.96	0.04	0.02	1.59	08/08/2019	13:48
9	K4200-02		1	5.00	50	2.00	3.90	5.72	1.82	0.18	0.16	12.80	08/08/2019	13:50
10	K4219-02		1	5.01	50	2.00	5.72	7.64	1.92	0.08	0.06	4.79	08/08/2019	13:52
11	K4219-04		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.22	17.50	08/08/2019	13:55
12	K4219-06		1	5.02	50	2.00	1.76	3.70	1.94	0.06	0.04	3.19	08/08/2019	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

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13	K4219-08		1	5.03	50	2.00	3.70	5.56	1.86	0.14	0.12	9.54	08/08/2019	14:02

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