

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103168

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	PB120284BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/03/2019	14:05
2	K2641-14		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	06/03/2019	14:08
3	K2641-14DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	06/03/2019	14:12
4	K2641-16		1	5.05	50	2.00	5.64	7.52	1.88	0.12	0.02	1.58	06/03/2019	14:15
5	K2641-18		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/03/2019	14:18
6	K2641-20		1	5.02	50	2.00	1.90	3.80	1.90	0.10	0.00	0.00	06/03/2019	14:22
7	K2641-22		1	5.03	50	2.00	3.80	5.68	1.88	0.12	0.02	1.59	06/03/2019	14:25
8	K3135-02		1	5.04	50	2.00	5.68	7.54	1.86	0.14	0.04	3.17	06/03/2019	14:28
9	K3138-11		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/03/2019	14:32
10	K3138-12		1	5.03	50	2.00	1.90	3.62	1.72	0.28	0.18	14.31	06/03/2019	14:35
11	K3138-13		1	5.04	50	2.00	3.62	5.50	1.88	0.12	0.02	1.59	06/03/2019	14:38
12	K3138-14		1	5.01	50	2.00	5.50	7.34	1.84	0.16	0.06	4.79	06/03/2019	14:42

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	K3138-15		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/03/2019	14:45
14	K3139-04		1	5.04	50	2.00	1.90	3.62	1.72	0.28	0.18	14.29	06/03/2019	14:48
15	K3139-08		1	5.02	50	2.00	3.62	5.46	1.84	0.16	0.06	4.78	06/03/2019	14:52

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