

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102101

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
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	PB118892BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	04/15/2019	13:10
2	K2199-10		1	5.02	50	2.00	1.86	3.58	1.72	0.28	0.14	11.16	04/15/2019	13:12
3	K2199-10DUP		1	5.04	50	2.00	3.58	5.28	1.70	0.30	0.16	12.70	04/15/2019	13:15
4	K2199-12		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.08	6.34	04/15/2019	13:18
5	K2390-02		1	5.00	50	2.00	1.78	3.52	1.74	0.26	0.12	9.60	04/15/2019	13:20
6	K2390-04		1	5.02	50	2.00	3.52	5.12	1.60	0.40	0.26	20.72	04/15/2019	13:22
7	K2390-06		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.22	17.50	04/15/2019	13:25
8	K2397-04		1	5.04	50	2.00	1.64	3.40	1.76	0.24	0.10	7.94	04/15/2019	13:28
9	K2397-08		1	5.02	50	2.00	3.40	4.96	1.56	0.44	0.30	23.90	04/15/2019	13:30
10	K2397-12		1	5.03	50	2.00	4.96	6.60	1.64	0.36	0.22	17.50	04/15/2019	13:32
11	K2397-16		1	5.04	50	2.00	6.60	8.22	1.62	0.38	0.24	19.05	04/15/2019	13:35
12	K2405-03		1	5.00	50	2.00	0.00	1.60	1.60	0.40	0.26	20.80	04/15/2019	13:38

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

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13	K2407-04		1	5.01	50	2.00	1.60	3.20	1.60	0.40	0.26	20.76	04/15/2019	13:40
14	K2407-08		1	5.05	50	2.00	3.20	4.90	1.70	0.30	0.16	12.67	04/15/2019	13:42
15	K2407-12		1	5.02	50	2.00	4.90	6.50	1.60	0.40	0.26	20.72	04/15/2019	13:45

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