

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101795

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	W2410
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	PB118496BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	04/01/2019	17:35
2	K2056-05		1	5.03	50	2.00	1.88	3.74	1.86	0.14	0.02	1.59	04/01/2019	17:38
3	K2056-05DUP		1	5.02	50	2.00	3.74	5.58	1.84	0.16	0.04	3.19	04/01/2019	17:40
4	K2056-06		1	5.00	50	2.00	5.58	7.42	1.84	0.16	0.04	3.20	04/01/2019	17:42
5	K2056-07		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.06	4.75	04/01/2019	17:45
6	K2056-08		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.08	6.36	04/01/2019	17:48
7	K2170-01		1	5.06	50	2.00	3.62	5.44	1.82	0.18	0.06	4.74	04/01/2019	17:50
8	K2178-04		1	5.04	50	2.00	5.44	7.28	1.84	0.16	0.04	3.17	04/01/2019	17:52
9	K2178-05		1	5.00	50	2.00	7.28	9.14	1.86	0.14	0.02	1.60	04/01/2019	17:55
10	K2178-06		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.06	4.77	04/01/2019	17:58
11	K2182-02		1	5.04	50	2.00	1.82	3.62	1.80	0.20	0.08	6.35	04/01/2019	18:00
12	K2182-04		1	5.01	50	2.00	3.62	5.40	1.78	0.22	0.10	7.98	04/01/2019	18:02

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

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13	K2182-06		1	5.02	50	2.00	5.40	7.28	1.88	0.12	0.00	0.00	04/01/2019	18:05
14	K2182-08		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	04/01/2019	18:18
15	K2182-10		1	5.01	50	2.00	1.84	3.66	1.82	0.18	0.06	4.79	04/01/2019	18:20

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