

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106338

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP78865
IODINE SOLUTION .025N 1L	W2508
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	PB124883BL		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	11/16/2019	11:20
2	K5665-04		1	5.02	50	2.00	1.78	3.54	1.76	0.24	0.02	1.59	11/16/2019	11:22
3	K5665-04DUP		1	5.04	50	2.00	3.54	5.28	1.74	0.26	0.04	3.17	11/16/2019	11:24
4	K5669-08		1	5.01	50	2.00	5.28	7.00	1.72	0.28	0.06	4.79	11/16/2019	11:26
5	K5671-10		1	5.00	50	2.00	0.00	1.76	1.76	0.24	0.02	1.60	11/16/2019	11:28
6	K5676-20		1	5.03	50	2.00	1.76	3.50	1.74	0.26	0.04	3.18	11/16/2019	11:30
7	K5782-08		1	5.02	50	2.00	3.50	5.22	1.72	0.28	0.06	4.78	11/16/2019	11:34
8	K5848-01		1	5.04	50	2.00	5.22	6.92	1.70	0.30	0.08	6.35	11/16/2019	11:36
9	K5862-04		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.04	3.19	11/16/2019	11:38
10	K5863-07		1	5.02	50	2.00	1.74	3.46	1.72	0.28	0.06	4.78	11/16/2019	11:44
11	K5864-02		1	5.03	50	2.00	3.46	5.16	1.70	0.30	0.08	6.36	11/16/2019	11:48
12	K5864-04		1	5.00	50	2.00	5.16	6.84	1.68	0.32	0.10	8.00	11/16/2019	11:55

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	K5864-06		1	5.02	50	2.00	6.84	8.50	1.66	0.34	0.12	9.56	11/16/2019	11:57
14	K5864-08		1	5.00	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	11/16/2019	12:00
15	K5864-10		1	5.03	50	2.00	1.78	3.54	1.76	0.24	0.02	1.59	11/16/2019	12:04
16	K5905-03		1	5.02	50	2.00	3.54	5.28	1.74	0.26	0.04	3.19	11/16/2019	12:06

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