

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101235

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	PB117710BL		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/07/2019	13:45
2	K1757-04		1	5.03	50	2.00	1.94	3.80	1.86	0.14	0.08	6.36	03/07/2019	13:48
3	K1757-04DUP		1	5.04	50	2.00	3.80	5.68	1.88	0.12	0.06	4.76	03/07/2019	13:50
4	K1757-08		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.02	1.60	03/07/2019	13:52
5	K1757-12		1	5.05	50	2.00	1.92	3.78	1.86	0.14	0.08	6.34	03/07/2019	13:55
6	K1757-16		1	5.02	50	2.00	3.78	5.50	1.72	0.28	0.22	17.53	03/07/2019	13:58
7	K1760-04		1	5.03	50	2.00	5.50	7.40	1.90	0.10	0.04	3.18	03/07/2019	14:02
8	K1760-08		1	5.02	50	2.00	0.00	1.66	1.66	0.34	0.28	22.31	03/07/2019	14:05
9	K1760-12		1	5.00	50	2.00	1.66	3.34	1.68	0.32	0.26	20.80	03/07/2019	14:08
10	K1760-16		1	5.01	50	2.00	3.34	5.08	1.74	0.26	0.20	15.97	03/07/2019	14:10
11	K1760-20		1	5.05	50	2.00	5.08	6.76	1.68	0.32	0.26	20.59	03/07/2019	14:12
12	K1780-04		1	5.01	50	2.00	6.76	8.54	1.78	0.22	0.16	12.77	03/07/2019	14:15

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	K1780-08		1	5.05	50	2.00	0.00	1.58	1.58	0.42	0.36	28.51	03/07/2019	14:18

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