

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100266

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB116329BL		1	5.01	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	01/11/2019	12:17
2	K1011-02		1	5.06	50	2.00	1.98	3.82	1.84	0.16	0.14	11.07	01/11/2019	12:18
3	K1011-04		1	5.01	50	2.00	3.82	5.68	1.86	0.14	0.12	9.58	01/11/2019	12:19
4	K1100-02		1	5.03	50	2.00	5.64	7.60	1.96	0.04	0.02	1.59	01/11/2019	12:19
5	K1100-04		1	5.07	50	2.00	7.60	9.54	1.94	0.06	0.04	3.16	01/11/2019	12:20
6	K1100-06		1	5.08	50	2.00	0.00	1.92	1.92	0.08	0.06	4.72	01/11/2019	12:21
7	K1100-08		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.12	9.56	01/11/2019	12:22
8	K1118-04		1	5.00	50	2.00	3.78	5.60	1.82	0.18	0.16	12.80	01/11/2019	12:23
9	K1118-08		1	5.01	50	2.00	5.64	7.50	1.86	0.14	0.12	9.58	01/11/2019	12:24
10	K1119-02		1	5.09	50	2.00	7.50	9.40	1.90	0.10	0.08	6.29	01/11/2019	12:25
11	K1119-04		1	5.03	50	2.00	0.00	1.96	1.96	0.04	0.02	1.59	01/11/2019	12:26
12	K1119-06		1	5.04	50	2.00	1.96	3.82	1.86	0.14	0.12	9.52	01/11/2019	12:27

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	K1119-08		1	5.05	50	2.00	3.82	5.70	1.88	0.12	0.10	7.92	01/11/2019	12:28
14	K1124-02		1	5.07	50	2.00	5.70	7.64	1.94	0.06	0.04	3.16	01/11/2019	12:29
15	K1124-02DUP		1	5.08	50	2.00	7.64	9.58	1.94	0.06	0.04	3.15	01/11/2019	12:30

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