

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100733

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
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	PB116945BL		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	02/07/2019	16:40
2	K1385-08		1	5.02	50	2.00	1.94	3.76	1.82	0.18	0.12	9.56	02/07/2019	16:42
3	K1385-08DUP		1	5.04	50	2.00	3.76	5.60	1.84	0.16	0.10	7.94	02/07/2019	16:45
4	K1389-04		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.12	9.50	02/07/2019	16:48
5	K1389-08		1	5.00	50	2.00	1.82	3.50	1.68	0.32	0.26	20.80	02/07/2019	16:52
6	K1389-12		1	5.02	50	2.00	3.50	5.20	1.70	0.30	0.24	19.12	02/07/2019	16:55
7	K1389-16		1	5.03	50	2.00	5.20	7.10	1.90	0.10	0.04	3.18	02/07/2019	16:58
8	K1389-20		1	5.04	50	2.00	7.10	8.76	1.66	0.34	0.28	22.22	02/07/2019	17:02
9	K1394-01		1	5.00	50	2.00	0.00	1.74	1.74	0.26	0.20	16.00	02/07/2019	17:05
10	K1394-03		1	5.03	50	2.00	1.74	3.38	1.64	0.36	0.30	23.86	02/07/2019	17:08
11	K1401-02		1	5.02	50	2.00	3.38	4.92	1.54	0.46	0.40	31.87	02/07/2019	17:12
12	K1401-04		1	5.05	50	2.00	4.92	6.40	1.48	0.52	0.46	36.44	02/07/2019	17:15

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	K1401-06		1	5.04	50	2.00	6.40	8.20	1.80	0.20	0.14	11.11	02/07/2019	17:18
14	K1401-08		1	5.00	50	2.00	0.00	1.56	1.56	0.44	0.38	30.40	02/07/2019	17:22
15	K1401-10		1	5.05	50	2.00	1.56	3.18	1.62	0.38	0.32	25.35	02/07/2019	17:25

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