

Analysis Method: 9034

ANALYST: Ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89889

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

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	PB102100BL		1	5.02	50	5.00	0.00	4.24	4.24	0.76	0.00	0.00	09/06/2017	13:57
2	I5075-03		1	5.04	50	5.00	0.00	4.08	4.08	0.92	0.16	12.70	09/06/2017	14:07
3	I5075-03DUP		1	5.03	50	5.00	4.08	8.18	4.10	0.90	0.14	11.13	09/06/2017	14:09
4	I5075-06		1	5.04	50	5.00	0.00	3.94	3.94	1.06	0.30	23.81	09/06/2017	14:10
5	I5075-09		1	5.05	50	5.00	3.94	7.88	3.94	1.06	0.30	23.76	09/06/2017	14:12
6	I5075-12		1	5.06	50	5.00	0.00	4.08	4.08	0.92	0.16	12.65	09/06/2017	14:13
7	I5076-03		1	5.03	50	5.00	4.08	8.08	4.00	1.00	0.24	19.09	09/06/2017	14:14
8	I5084-03		1	5.04	50	5.00	0.00	3.80	3.80	1.20	0.44	34.92	09/06/2017	14:16
9	I5084-04		1	5.03	50	5.00	3.80	7.58	3.78	1.22	0.46	36.58	09/06/2017	14:17
10	I5092-03		1	5.02	50	5.00	0.00	3.94	3.94	1.06	0.30	23.90	09/06/2017	14:19
11	I5093-03		1	5.03	50	5.00	3.94	7.80	3.86	1.14	0.38	30.22	09/06/2017	14:20
12	I5093-06		1	5.04	50	5.00	0.00	3.80	3.80	1.20	0.44	34.92	09/06/2017	14:21

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	I5093-09		1	5.06	50	5.00	3.80	7.48	3.68	1.32	0.56	44.27	09/06/2017	14:23
14	I5095-03		1	5.04	50	5.00	0.00	3.66	3.66	1.34	0.58	46.03	09/06/2017	14:24
15	I5105-03		1	5.03	50	5.00	3.66	7.20	3.54	1.46	0.70	55.67	09/06/2017	14:27
16	I5110-03		1	5.04	50	5.00	0.00	3.74	3.74	1.26	0.50	39.68	09/06/2017	14:28
17	I5110-06		1	5.03	50	5.00	3.74	7.46	3.72	1.28	0.52	41.35	09/06/2017	14:30

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