

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91244

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB103857BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	10/31/2017	13:32
2	I6225-01		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.02	1.59	10/31/2017	13:35
3	I6225-01DUP		1	5.03	50	2.00	1.58	3.14	1.56	0.44	0.04	3.18	10/31/2017	13:38
4	I6225-02		1	5.04	50	2.00	3.14	4.60	1.46	0.54	0.14	11.11	10/31/2017	13:40
5	I6226-08		1	5.05	50	2.00	4.60	6.04	1.44	0.56	0.16	12.67	10/31/2017	13:42
6	I6226-16		1	5.04	50	2.00	6.04	7.40	1.36	0.64	0.24	19.05	10/31/2017	13:45
7	I6226-18		1	5.03	50	2.00	0.00	1.30	1.30	0.70	0.30	23.86	10/31/2017	13:48
8	I6231-02		1	5.04	50	2.00	1.30	2.68	1.38	0.62	0.22	17.46	10/31/2017	13:50
9	I6236-02		1	5.03	50	2.00	2.68	4.10	1.42	0.58	0.18	14.31	10/31/2017	13:52
10	I6239-01		1	5.04	50	2.00	4.10	5.24	1.14	0.86	0.46	36.51	10/31/2017	13:55
11	I6239-02		1	5.06	50	2.00	5.24	6.54	1.30	0.70	0.30	23.72	10/31/2017	13:58

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