

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91216

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	PB103793BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	10/30/2017	13:02
2	I6182-02		1	5.04	50	2.00	0.00	1.56	1.56	0.44	0.04	3.17	10/30/2017	13:05
3	I6182-02DUP		1	5.03	50	2.00	1.56	3.10	1.54	0.46	0.06	4.77	10/30/2017	13:08
4	I6194-02		1	5.04	50	2.00	0.00	1.48	1.48	0.52	0.12	9.52	10/30/2017	13:10
5	I6196-02		1	5.05	50	2.00	1.48	2.80	1.32	0.68	0.28	22.18	10/30/2017	13:12
6	I6200-02		1	5.04	50	2.00	2.80	4.10	1.30	0.70	0.30	23.81	10/30/2017	13:15
7	I6202-02		1	5.06	50	2.00	4.10	5.34	1.24	0.76	0.36	28.46	10/30/2017	13:18
8	I6206-02		1	5.04	50	2.00	5.34	6.58	1.24	0.76	0.36	28.57	10/30/2017	13:20
9	I6206-04		1	5.03	50	2.00	6.58	7.70	1.12	0.88	0.48	38.17	10/30/2017	13:22
10	I6206-06		1	5.04	50	2.00	7.70	8.90	1.20	0.80	0.40	31.75	10/30/2017	13:25

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