

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91305

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	PB103932BL		1	5.02	50	2.00	0.00	1.58	1.58	0.42	0.00	0.00	11/02/2017	14:30
2	I6189-02		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.14	11.11	11/02/2017	14:32
3	I6189-02DUP		1	5.03	50	2.00	1.44	2.86	1.42	0.58	0.16	12.72	11/02/2017	14:35
4	I6258-03		1	5.04	50	2.00	2.86	4.32	1.46	0.54	0.12	9.52	11/02/2017	14:38
5	I6258-06		1	5.05	50	2.00	4.32	5.86	1.54	0.46	0.04	3.17	11/02/2017	14:40
6	I6265-03		1	5.04	50	2.00	5.86	7.10	1.24	0.76	0.34	26.98	11/02/2017	14:42
7	I6265-04		1	5.03	50	2.00	7.10	8.42	1.32	0.68	0.26	20.68	11/02/2017	14:45
8	I6275-02		1	5.04	50	2.00	0.00	1.24	1.24	0.76	0.34	26.98	11/02/2017	14:48
9	I6275-04		1	5.03	50	2.00	1.24	2.62	1.38	0.62	0.20	15.90	11/02/2017	14:50
10	I6275-07		1	5.04	50	2.00	2.62	3.68	1.06	0.94	0.52	41.27	11/02/2017	14:52

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