

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91525

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 Volume (mL)	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	PB104170BL		1	50	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	11/10/2017	15:05
2	I6387-02		1	50	50	2.00	1.64	3.02	1.38	0.62	0.26	2.08	11/10/2017	15:08
3	I6387-02DUP		1	50	50	2.00	0.00	1.38	1.38	0.62	0.26	2.08	11/10/2017	15:10
4	I6399-25		1	50	50	2.00	1.38	2.72	1.34	0.66	0.30	2.40	11/10/2017	15:12
5	I6399-28		1	50	50	2.00	2.72	4.00	1.28	0.72	0.36	2.88	11/10/2017	15:15
6	I6407-09		1	50	50	2.00	4.00	5.38	1.38	0.62	0.26	2.08	11/10/2017	15:18
7	I6409-06		1	50	50	2.00	5.38	6.56	1.18	0.82	0.46	3.68	11/10/2017	15:20
8	I6409-09		1	50	50	2.00	6.56	7.76	1.20	0.80	0.44	3.52	11/10/2017	15:22
9	I6413-02		1	50	50	2.00	7.76	8.94	1.18	0.82	0.46	3.68	11/10/2017	15:25

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