

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90774

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	PB103212BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	10/12/2017	13:32
2	I5791-01		1	5.04	50	2.00	0.00	1.68	1.68	0.32	0.02	1.59	10/12/2017	13:35
3	I5791-01DUP		1	5.03	50	2.00	1.68	3.34	1.66	0.34	0.04	3.18	10/12/2017	13:38
4	I5810-01		1	5.04	50	2.00	3.34	4.88	1.54	0.46	0.16	12.70	10/12/2017	13:40
5	I5812-01		1	5.05	50	2.00	4.88	6.34	1.46	0.54	0.24	19.01	10/12/2017	13:42
6	I5812-02		1	5.04	50	2.00	0.00	1.56	1.56	0.44	0.14	11.11	10/12/2017	13:45
7	I5813-03		1	5.03	50	2.00	1.56	3.04	1.48	0.52	0.22	17.50	10/12/2017	13:48
8	I5816-03		1	5.04	50	2.00	3.04	4.60	1.56	0.44	0.14	11.11	10/12/2017	13:50

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