

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90814

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 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	PB103241BL		1	50	50	2.00	0.00	1.76	1.76	0.24	0.00	0.00	10/13/2017	13:40
2	I5817-07		1	50	50	2.00	0.00	1.70	1.70	0.30	0.06	0.48	10/13/2017	13:42
3	I5817-07DUP		1	50	50	2.00	1.70	3.38	1.68	0.32	0.08	0.64	10/13/2017	13:45
4	I5817-08		1	50	50	2.00	3.38	5.10	1.72	0.28	0.04	0.32	10/13/2017	13:48
5	I5817-09		1	50	50	2.00	5.10	6.68	1.58	0.42	0.18	1.44	10/13/2017	13:50
6	I5817-10		1	50	50	2.00	0.00	1.72	1.72	0.28	0.04	0.32	10/13/2017	13:52
7	I5875-02		1	50	50	2.00	1.72	3.28	1.56	0.44	0.20	1.60	10/13/2017	13:55

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