

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91266

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	PB103880BL		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	11/01/2017	12:15
2	I6247-03		1	5.04	50	2.00	0.00	1.60	1.60	0.40	0.08	6.35	11/01/2017	12:18
3	I6247-03DUP		1	5.03	50	2.00	1.60	3.22	1.62	0.38	0.06	4.77	11/01/2017	12:20
4	I6249-02		1	5.04	50	2.00	3.22	4.84	1.62	0.38	0.06	4.76	11/01/2017	12:22
5	I6249-04		1	5.05	50	2.00	4.84	6.32	1.48	0.52	0.20	15.84	11/01/2017	12:25
6	I6252-02		1	5.06	50	2.00	6.32	7.86	1.54	0.46	0.14	11.07	11/01/2017	12:28
7	I6253-02		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.18	14.29	11/01/2017	12:30
8	I6254-03		1	5.05	50	2.00	1.50	2.90	1.40	0.60	0.28	22.18	11/01/2017	12:32

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