

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89816

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	PB101977BL		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	08/31/2017	15:02
2	I4972-02		1	5.04	50	2.00	1.72	3.38	1.66	0.34	0.06	4.76	08/31/2017	15:05
3	I4972-02DUP		1	5.03	50	2.00	3.38	5.02	1.64	0.36	0.08	6.36	08/31/2017	15:08
4	I5036-03		1	5.04	50	2.00	5.02	6.72	1.70	0.30	0.02	1.59	08/31/2017	15:10
5	I5049-03		1	5.05	50	2.00	6.72	8.40	1.68	0.32	0.04	3.17	08/31/2017	15:12
6	I5050-04		1	5.04	50	2.00	0.00	1.60	1.60	0.40	0.12	9.52	08/31/2017	15:15
7	I5051-03		1	5.03	50	2.00	1.60	3.18	1.58	0.42	0.14	11.13	08/31/2017	15:18
8	I5055-06		1	5.05	50	2.00	3.18	4.70	1.52	0.48	0.20	15.84	08/31/2017	15:20

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