

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85838

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB96969BL		1	5.00	50	5.00	0.00	4.34	4.34	0.66	0.00	0.00	02/15/2017	13:00
2	I1822-01		1	5.04	50	5.00	0.00	4.16	4.16	0.84	0.18	14.29	02/15/2017	13:07
3	I1822-01DUP		1	5.03	50	5.00	4.16	8.34	4.18	0.82	0.16	12.72	02/15/2017	13:15
4	I1825-02		1	5.04	50	5.00	0.00	4.28	4.28	0.72	0.06	4.76	02/15/2017	13:22
5	I1826-04		1	5.03	50	5.00	4.28	7.42	3.14	1.86	1.20	95.43	02/15/2017	13:30
6	I1832-02		1	5.02	50	5.00	0.00	3.96	3.96	1.04	0.38	30.28	02/15/2017	13:40
7	I1835-05		1	5.03	50	5.00	3.96	7.92	3.96	1.04	0.38	30.22	02/15/2017	13:46
8	I1836-04		1	5.04	50	5.00	0.00	3.74	3.74	1.26	0.60	47.62	02/15/2017	13:52

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