

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88531

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	PB100385BL		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	07/03/2017	13:02
2	I3976-09		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.26	20.63	07/03/2017	13:05
3	I3976-09DUP		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.24	19.09	07/03/2017	13:08
4	I3976-10		1	5.04	50	2.00	1.72	3.60	1.88	0.12	0.08	6.35	07/03/2017	13:10
5	I3976-11		1	5.05	50	2.00	3.60	5.32	1.72	0.28	0.24	19.01	07/03/2017	13:12
6	I3976-12		1	5.06	50	2.00	5.32	7.00	1.68	0.32	0.28	22.13	07/03/2017	13:14
7	I3976-13		1	5.03	50	2.00	7.00	8.62	1.62	0.38	0.34	27.04	07/03/2017	13:17
8	I3976-14		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.12	9.52	07/03/2017	13:20
9	I3976-15		1	5.02	50	2.00	1.84	3.62	1.78	0.22	0.18	14.34	07/03/2017	13:22
10	I3976-16		1	5.06	50	2.00	3.62	5.48	1.86	0.14	0.10	7.91	07/03/2017	13:25
11	I4025-05		1	5.03	50	2.00	5.48	7.16	1.68	0.32	0.28	22.27	07/03/2017	13:27
12	I4031-03		1	5.04	50	2.00	7.16	8.84	1.68	0.32	0.28	22.22	07/03/2017	13:30

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