

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89650

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	PB101747BL		1	5.02	50	2.00	0.00	1.38	1.38	0.62	0.00	0.00	08/22/2017	11:32
2	I4908-03		1	5.04	50	2.00	0.00	1.26	1.26	0.74	0.12	9.52	08/22/2017	11:35
3	I4908-03DUP		1	5.03	50	2.00	1.26	2.54	1.28	0.72	0.10	7.95	08/22/2017	11:38
4	I4908-06		1	5.04	50	2.00	2.54	3.92	1.38	0.62	0.00	0.00	08/22/2017	11:40
5	I4909-03		1	5.05	50	2.00	3.92	5.02	1.10	0.90	0.28	22.18	08/22/2017	11:42
6	I4914-03		1	5.04	50	2.00	5.02	6.30	1.28	0.72	0.10	7.94	08/22/2017	11:45
7	I4914-06		1	5.03	50	2.00	6.30	7.50	1.20	0.80	0.18	14.31	08/22/2017	11:48
8	I4915-03		1	5.04	50	2.00	7.50	8.56	1.06	0.94	0.32	25.40	08/22/2017	11:50
9	I4915-06		1	5.06	50	2.00	8.56	9.70	1.14	0.86	0.24	18.97	08/22/2017	11:52

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