

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96222

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB110530BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	06/22/2018	14:02
2	J3252-04		1	5.03	50	2.00	0.00	1.58	1.58	0.42	0.12	9.54	06/22/2018	14:05
3	J3252-04DUP		1	5.02	50	2.00	1.58	3.18	1.60	0.40	0.10	7.97	06/22/2018	14:08
4	J3635-01		1	5.03	50	2.00	3.18	4.64	1.46	0.54	0.24	19.09	06/22/2018	14:12
5	J3636-01		1	5.04	50	2.00	4.64	6.12	1.48	0.52	0.22	17.46	06/22/2018	14:15
6	J3637-01		1	5.01	50	2.00	6.12	7.68	1.56	0.44	0.14	11.18	06/22/2018	14:18
7	J3642-04		1	5.05	50	2.00	0.00	1.52	1.52	0.48	0.18	14.26	06/22/2018	14:22
8	J3642-08		1	5.02	50	2.00	1.52	2.92	1.40	0.60	0.30	23.90	06/22/2018	14:25
9	J3645-01		1	5.03	50	2.00	2.92	4.26	1.34	0.66	0.36	28.63	06/22/2018	14:28
10	J3646-01		1	5.01	50	2.00	4.26	5.52	1.26	0.74	0.44	35.13	06/22/2018	14:32
11	J3647-01		1	5.03	50	2.00	5.52	6.78	1.26	0.74	0.44	34.99	06/22/2018	14:35

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