

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97111

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	PB111746BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	08/03/2018	11:32
2	J4316-04		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.22	17.53	08/03/2018	11:35
3	J4316-04DUP		1	5.03	50	2.00	1.62	3.26	1.64	0.36	0.20	15.90	08/03/2018	11:38
4	J4316-08		1	5.02	50	2.00	3.26	4.92	1.66	0.34	0.18	14.34	08/03/2018	11:40
5	J4323-02		1	5.02	50	2.00	4.92	6.30	1.38	0.62	0.46	36.65	08/03/2018	11:42
6	J4333-04		1	5.04	50	2.00	6.30	7.76	1.46	0.54	0.38	30.16	08/03/2018	11:45
7	J4333-08		1	5.01	50	2.00	7.76	9.32	1.56	0.44	0.28	22.36	08/03/2018	11:48
8	J4333-12		1	5.00	50	2.00	0.00	1.40	1.40	0.60	0.44	35.20	08/03/2018	11:50
9	J4333-16		1	5.03	50	2.00	1.40	2.82	1.42	0.58	0.42	33.40	08/03/2018	11:52
10	J4333-20		1	5.04	50	2.00	2.82	4.22	1.40	0.60	0.44	34.92	08/03/2018	11:54

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