

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97924

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	PB112850BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	09/14/2018	15:05
2	J4906-04		1	5.03	50	2.00	1.90	3.68	1.78	0.22	0.12	9.54	09/14/2018	15:08
3	J4906-04DUP		1	5.04	50	2.00	3.68	5.48	1.80	0.20	0.10	7.94	09/14/2018	15:12
4	J4906-08		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.14	11.16	09/14/2018	15:15
5	J4906-12		1	5.04	50	2.00	1.76	3.22	1.46	0.54	0.44	34.92	09/14/2018	15:18
6	J4906-16		1	5.03	50	2.00	3.22	4.70	1.48	0.52	0.42	33.40	09/14/2018	15:22
7	J4906-20		1	5.05	50	2.00	4.70	6.20	1.50	0.50	0.40	31.68	09/14/2018	15:25
8	J4906-24		1	5.04	50	2.00	6.20	7.70	1.50	0.50	0.40	31.75	09/14/2018	15:28
9	J4906-28		1	5.06	50	2.00	7.70	9.10	1.40	0.60	0.50	39.53	09/14/2018	15:32
10	J4906-32		1	5.02	50	2.00	0.00	1.48	1.48	0.52	0.42	33.47	09/14/2018	15:35

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