

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96941

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	PB111530BL		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	07/27/2018	12:50
2	J4176-05		1	5.02	50	2.00	0.00	1.56	1.56	0.44	0.16	12.75	07/27/2018	12:52
3	J4176-05DUP		1	5.03	50	2.00	1.56	3.14	1.58	0.42	0.14	11.13	07/27/2018	12:55
4	J4180-04		1	5.02	50	2.00	3.14	4.46	1.32	0.68	0.40	31.87	07/27/2018	12:58
5	J4180-08		1	5.01	50	2.00	4.46	5.82	1.36	0.64	0.36	28.74	07/27/2018	13:02
6	J4189-04		1	5.04	50	2.00	5.82	7.32	1.50	0.50	0.22	17.46	07/27/2018	13:05
7	J4189-08		1	5.03	50	2.00	7.32	8.58	1.26	0.74	0.46	36.58	07/27/2018	13:08
8	J4189-12		1	5.03	50	2.00	0.00	1.48	1.48	0.52	0.24	19.09	07/27/2018	13:10
9	J4189-16		1	5.02	50	2.00	1.48	2.66	1.18	0.82	0.54	43.03	07/27/2018	13:12
10	J4189-20		1	5.02	50	2.00	2.66	3.88	1.22	0.78	0.50	39.84	07/27/2018	13:15

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