

Analysis Method: 9034

ANALYST: KETANKUMAR

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB94379

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
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	PB107984BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	04/04/2018	13:05
2	J2197-03		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.10	7.95	04/04/2018	13:08
3	J2197-03DUP		1	5.01	50	2.00	1.70	3.42	1.72	0.28	0.08	6.39	04/04/2018	13:12
4	J2197-05		1	5.03	50	2.00	3.42	5.14	1.72	0.28	0.08	6.36	04/04/2018	13:15
5	J2199-02		1	5.04	50	2.00	5.14	6.72	1.58	0.42	0.22	17.46	04/04/2018	13:18
6	J2207-06		1	5.01	50	2.00	0.00	1.70	1.70	0.30	0.10	7.98	04/04/2018	13:22
7	J2209-02		1	5.05	50	2.00	1.70	3.46	1.76	0.24	0.04	3.17	04/04/2018	13:25
8	J2211-01		1	5.02	50	2.00	3.46	5.12	1.66	0.34	0.14	11.16	04/04/2018	13:28
9	J2211-03		1	5.00	50	2.00	5.12	6.68	1.56	0.44	0.24	19.20	04/04/2018	13:32
10	J2212-06		1	5.01	50	2.00	6.68	8.18	1.50	0.50	0.30	23.95	04/04/2018	13:35
11	J2212-12		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.06	4.77	04/04/2018	13:38
12	J2213-01		1	5.02	50	2.00	1.74	3.26	1.52	0.48	0.28	22.31	04/04/2018	13:40

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