

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB92478

ANALYST: HIRAL

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
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	PB105454BL		1	5.01	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	01/03/2018	16:59
2	I7105-02		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.06	4.78	01/03/2018	17:05
3	I7105-02DUP		1	5.03	50	2.00	1.74	3.50	1.76	0.24	0.04	3.18	01/03/2018	17:11
4	I7105-04		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.14	11.13	01/03/2018	17:17
5	I7105-06		1	5.02	50	2.00	1.66	3.34	1.68	0.32	0.12	9.56	01/03/2018	17:23
6	J1005-01		1	5.06	50	2.00	3.34	5.10	1.76	0.24	0.04	3.16	01/03/2018	17:29
7	J1005-02		1	5.01	50	2.00	5.10	6.84	1.74	0.26	0.06	4.79	01/03/2018	17:35
8	J1005-03		1	5.00	50	2.00	6.84	8.36	1.52	0.48	0.28	22.40	01/03/2018	17:41
9	J1005-04		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.10	7.95	01/03/2018	17:47
10	J1019-02		1	5.01	50	2.00	1.70	3.38	1.68	0.32	0.12	9.58	01/03/2018	17:52
11	J1019-04		1	5.03	50	2.00	3.38	5.02	1.64	0.36	0.16	12.72	01/03/2018	17:59
12	J1022-02		1	5.01	50	2.00	5.02	6.62	1.60	0.40	0.20	15.97	01/03/2018	18:05

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