

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB98516

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2410
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	PB113705BL		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	10/10/2018	11:30
2	J5200-06		1	5.03	50	2.00	1.86	3.38	1.52	0.48	0.34	27.04	10/10/2018	11:33
3	J5200-06DUP		1	5.04	50	2.00	3.38	4.88	1.50	0.50	0.36	28.57	10/10/2018	11:35
4	J5200-08		1	5.05	50	2.00	0.00	1.72	1.72	0.28	0.14	11.09	10/10/2018	11:37
5	J5366-03		1	5.06	50	2.00	1.72	3.48	1.76	0.24	0.10	7.91	10/10/2018	11:39
6	J5369-10		1	5.02	50	2.00	3.48	5.22	1.74	0.26	0.12	9.56	10/10/2018	11:41
7	J5372-02		1	5.03	50	2.00	5.22	7.02	1.80	0.20	0.06	4.77	10/10/2018	11:43
8	J5373-02		1	5.04	50	2.00	7.02	8.54	1.52	0.48	0.34	26.98	10/10/2018	11:45
9	J5373-04		1	5.02	50	2.00	0.00	1.46	1.46	0.54	0.40	31.87	10/10/2018	11:47

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