

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB98229

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	PB113330BL		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	09/28/2018	11:45
2	J4771-06		1	5.05	50	2.00	1.82	3.60	1.78	0.22	0.04	3.17	09/28/2018	11:47
3	J4771-06DUP		1	5.06	50	2.00	3.60	5.36	1.76	0.24	0.06	4.74	09/28/2018	11:49
4	J4776-06		1	5.06	50	2.00	0.00	1.56	1.56	0.44	0.26	20.55	09/28/2018	12:01
5	J4776-08		1	5.00	50	2.00	1.56	3.30	1.74	0.26	0.08	6.40	09/28/2018	12:03
6	J4776-10		1	5.01	50	2.00	3.30	4.80	1.50	0.50	0.32	25.55	09/28/2018	12:05
7	J4777-34		1	5.03	50	2.00	4.80	6.34	1.54	0.46	0.28	22.27	09/28/2018	12:07
8	J4777-36		1	5.05	50	2.00	6.34	8.00	1.66	0.34	0.16	12.67	09/28/2018	12:09
9	J4777-38		1	5.02	50	2.00	0.00	1.48	1.48	0.52	0.34	27.09	09/28/2018	12:11
10	J4777-40		1	5.04	50	2.00	1.48	2.86	1.38	0.62	0.44	34.92	09/28/2018	12:13

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