

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB98759

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP68780
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	PB114056BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	10/22/2018	12:15
2	J5197-04		1	5.03	50	2.00	1.84	3.62	1.78	0.22	0.06	4.77	10/22/2018	12:17
3	J5197-04DUP		1	5.04	50	2.00	3.62	5.42	1.80	0.20	0.04	3.17	10/22/2018	12:19
4	J5604-02		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.06	4.75	10/22/2018	12:21
5	J5604-04		1	5.06	50	2.00	1.78	3.60	1.82	0.18	0.02	1.58	10/22/2018	12:23
6	J5605-06		1	5.03	50	2.00	3.60	5.32	1.72	0.28	0.12	9.54	10/22/2018	12:25
7	J5605-12		1	5.02	50	2.00	5.32	7.00	1.68	0.32	0.16	12.75	10/22/2018	12:27
8	J5606-03		1	5.05	50	2.00	7.00	8.62	1.62	0.38	0.22	17.43	10/22/2018	12:29

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