

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB99166

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	PB114725BL		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	11/12/2018	11:15
2	J5766-02		1	5.00	50	2.00	1.88	3.66	1.78	0.22	0.10	8.00	11/12/2018	11:17
3	J5766-02DUP		1	5.02	50	2.00	3.66	5.46	1.80	0.20	0.08	6.37	11/12/2018	11:19
4	J5892-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	11/12/2018	11:21
5	J5901-08		1	5.05	50	2.00	1.86	3.50	1.64	0.36	0.24	19.01	11/12/2018	11:23
6	J5907-04		1	5.01	50	2.00	3.50	5.10	1.60	0.40	0.28	22.36	11/12/2018	11:25
7	J5907-08		1	5.04	50	2.00	5.10	6.80	1.70	0.30	0.18	14.29	11/12/2018	11:27
8	J5907-12		1	5.03	50	2.00	6.80	8.54	1.74	0.26	0.14	11.13	11/12/2018	11:29
9	J5907-16		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.18	14.29	11/12/2018	11:31

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