

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: sweta

Run Number: LB99255

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
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	PB114850BL		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	11/15/2018	13:05
2	J5767-10		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.02	1.59	11/15/2018	13:08
3	J5767-10DUP		1	5.05	50	2.00	1.78	3.54	1.76	0.24	0.04	3.17	11/15/2018	13:12
4	J5767-12		1	5.09	50	2.00	3.54	5.24	1.70	0.30	0.10	7.86	11/15/2018	13:15
5	J5767-14		1	5.04	50	2.00	5.24	6.96	1.72	0.28	0.08	6.35	11/15/2018	13:18
6	J5767-16		1	5.06	50	2.00	6.96	8.70	1.74	0.26	0.06	4.74	11/15/2018	13:22
7	J5942-04		1	5.07	50	2.00	0.00	1.76	1.76	0.24	0.04	3.16	11/15/2018	13:25
8	J5942-08		1	5.08	50	2.00	1.76	3.56	1.80	0.20	0.00	0.00	11/15/2018	13:28
9	J5942-12		1	5.04	50	2.00	3.56	5.36	1.80	0.20	0.00	0.00	11/15/2018	13:32
10	J5954-01		1	5.09	50	2.00	5.36	7.14	1.78	0.22	0.02	1.57	11/15/2018	13:35

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