

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101154

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB117592BL		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	03/04/2019	16:25
2	K1712-06		1	5.02	50	2.00	1.82	3.32	1.50	0.50	0.32	25.50	03/04/2019	16:28
3	K1712-06DUP		1	5.04	50	2.00	3.32	4.84	1.52	0.48	0.30	23.81	03/04/2019	16:30
4	K1712-10		1	5.05	50	2.00	4.84	6.42	1.58	0.42	0.24	19.01	03/04/2019	16:32
5	K1712-14		1	5.00	50	2.00	6.42	7.98	1.56	0.44	0.26	20.80	03/04/2019	16:35
6	K1712-18		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.14	11.16	03/04/2019	16:38
7	K1712-22		1	5.03	50	2.00	1.68	3.20	1.52	0.48	0.30	23.86	03/04/2019	16:40
8	K1715-04		1	5.01	50	2.00	3.20	4.70	1.50	0.50	0.32	25.55	03/04/2019	16:42
9	K1715-08		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.38	30.16	03/04/2019	16:45
10	K1715-12		1	5.02	50	2.00	1.44	3.00	1.56	0.44	0.26	20.72	03/04/2019	16:48

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