

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102591

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB119518BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	05/07/2019	14:05
2	K2673-02		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	05/07/2019	14:08
3	K2673-02DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	05/07/2019	14:12
4	K2673-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	05/07/2019	14:15
5	K2673-06		1	5.00	50	2.00	1.86	3.70	1.84	0.16	0.06	4.80	05/07/2019	14:18
6	K2673-08		1	5.02	50	2.00	3.70	5.58	1.88	0.12	0.02	1.59	05/07/2019	14:22
7	K2673-10		1	5.03	50	2.00	5.58	7.34	1.76	0.24	0.14	11.13	05/07/2019	14:25
8	K2673-12		1	5.02	50	2.00	7.34	9.12	1.78	0.22	0.12	9.56	05/07/2019	14:28
9	K2673-14		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.12	9.52	05/07/2019	14:32
10	K2673-15		1	5.01	50	2.00	1.78	3.54	1.76	0.24	0.14	11.18	05/07/2019	14:35
11	K2673-16		1	5.03	50	2.00	3.54	5.14	1.60	0.40	0.30	23.86	05/07/2019	14:38
12	K2698-02		1	5.00	50	2.00	5.14	6.80	1.66	0.34	0.24	19.20	05/07/2019	14:42

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