

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106443

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP78865
IODINE SOLUTION .025N 1L	W2508
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	PB125039BL		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	11/22/2019	14:40
2	K5668-11		1	5.00	50	2.00	1.96	3.86	1.90	0.10	0.06	4.80	11/22/2019	14:42
3	K5668-11DUP		1	5.01	50	2.00	3.86	5.78	1.92	0.08	0.04	3.19	11/22/2019	14:45
4	K5670-12		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.04	3.16	11/22/2019	14:48
5	K5671-15		1	5.09	50	2.00	1.92	3.80	1.88	0.12	0.08	6.29	11/22/2019	14:50
6	K5676-25		1	5.05	50	2.00	3.80	5.52	1.72	0.28	0.24	19.01	11/22/2019	14:52
7	K5676-30		1	5.03	50	2.00	5.52	7.22	1.70	0.30	0.26	20.68	11/22/2019	14:55
8	K5948-03		1	5.02	50	2.00	7.22	8.96	1.74	0.26	0.22	17.53	11/22/2019	14:58
9	K5970-04		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.26	20.68	11/22/2019	15:02
10	K5970-08		1	5.05	50	2.00	1.70	3.22	1.52	0.48	0.44	34.85	11/22/2019	15:05
11	K5972-03		1	5.08	50	2.00	3.22	4.84	1.62	0.38	0.34	26.77	11/22/2019	15:08
12	K5972-05		1	5.04	50	2.00	4.84	6.42	1.58	0.42	0.38	30.16	11/22/2019	15:10

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