

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103000

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	PB120068BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	05/24/2019	14:15
2	K2643-10		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.04	3.19	05/24/2019	14:18
3	K2643-10DUP		1	5.04	50	2.00	3.72	5.54	1.82	0.18	0.06	4.76	05/24/2019	14:22
4	K2643-12		1	5.05	50	2.00	5.54	7.34	1.80	0.20	0.08	6.34	05/24/2019	14:25
5	K3019-03		1	5.00	50	2.00	7.34	9.16	1.82	0.18	0.06	4.80	05/24/2019	14:28
6	K3019-06		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.10	7.97	05/24/2019	14:32
7	K3019-09		1	5.03	50	2.00	1.78	3.62	1.84	0.16	0.04	3.18	05/24/2019	14:35
8	K3023-01		1	5.02	50	2.00	3.62	5.44	1.82	0.18	0.06	4.78	05/24/2019	14:38
9	K3026-04		1	5.03	50	2.00	5.44	7.30	1.86	0.14	0.02	1.59	05/24/2019	14:42
10	K3026-08		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.12	9.56	05/24/2019	14:45
11	K3026-16		1	5.03	50	2.00	1.76	3.56	1.80	0.20	0.08	6.36	05/24/2019	14:48
12	K3035-01		1	5.02	50	2.00	3.56	5.34	1.78	0.22	0.10	7.97	05/24/2019	14:52

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