

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104870

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
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	PB122671BL		1	5.03	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	08/29/2019	13:32
2	K4095-16		1	5.03	50	2.00	1.98	3.90	1.92	0.08	0.06	4.77	08/29/2019	13:35
3	K4095-16DUP		1	5.04	50	2.00	3.90	5.84	1.94	0.06	0.04	3.17	08/29/2019	13:38
4	K4439-12		1	5.05	50	2.00	5.84	7.80	1.96	0.04	0.02	1.58	08/29/2019	13:42
5	K4439-18		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.04	3.19	08/29/2019	13:45
6	K4571-03		1	5.03	50	2.00	1.94	3.84	1.90	0.10	0.08	6.36	08/29/2019	13:48
7	K4571-06		1	5.06	50	2.00	3.84	5.76	1.92	0.08	0.06	4.74	08/29/2019	13:52
8	K4571-09		1	5.02	50	2.00	5.76	7.64	1.88	0.12	0.10	7.97	08/29/2019	13:55
9	K4583-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.06	4.76	08/29/2019	13:58
10	K4590-01		1	5.02	50	2.00	1.92	3.86	1.94	0.06	0.04	3.19	08/29/2019	14:02

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