

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102060

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	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	PB118863BL		1	5.07	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	04/12/2019	13:30
2	K2196-04		1	5.05	50	2.00	1.78	3.52	1.74	0.26	0.04	3.17	04/12/2019	13:32
3	K2196-04DUP		1	5.04	50	2.00	3.52	5.28	1.76	0.24	0.02	1.59	04/12/2019	13:35
4	K2204-02		1	5.02	50	2.00	5.28	6.96	1.68	0.32	0.10	7.97	04/12/2019	13:38
5	K2373-03		1	5.08	50	2.00	6.96	8.72	1.76	0.24	0.02	1.57	04/12/2019	13:40
6	K2374-03		1	5.07	50	2.00	0.00	1.68	1.68	0.32	0.10	7.89	04/12/2019	13:42
7	K2376-04		1	5.03	50	2.00	1.68	3.32	1.64	0.36	0.14	11.13	04/12/2019	13:45
8	K2377-04		1	5.09	50	2.00	3.32	4.98	1.66	0.34	0.12	9.43	04/12/2019	13:48
9	K2377-08		1	5.06	50	2.00	4.98	6.62	1.64	0.36	0.14	11.07	04/12/2019	13:52

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