

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104475

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB122044BL		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/07/2019	12:30
2	K4178-04		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	08/07/2019	12:32
3	K4178-04DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	08/07/2019	12:35
4	K4191-01		1	5.05	50	2.00	5.76	7.64	1.88	0.12	0.06	4.75	08/07/2019	12:38
5	K4192-03		1	5.00	50	2.00	0.00	1.80	1.80	0.20	0.14	11.20	08/07/2019	12:42
6	K4192-05		1	5.02	50	2.00	1.80	3.66	1.86	0.14	0.08	6.37	08/07/2019	12:45
7	K4196-02		1	5.03	50	2.00	3.66	5.56	1.90	0.10	0.04	3.18	08/07/2019	12:48

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