

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100464

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB116605BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/24/2019	12:05
2	K1003-02		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	01/24/2019	12:15
3	K1003-02DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	01/24/2019	12:20
4	K1016-04		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.12	9.50	01/24/2019	12:24
5	K1016-06		1	5.02	50	2.00	1.78	3.58	1.80	0.20	0.10	7.97	01/24/2019	12:28
6	K1016-08		1	5.03	50	2.00	3.58	5.40	1.82	0.18	0.08	6.36	01/24/2019	12:32
7	K1016-10		1	5.06	50	2.00	5.40	7.04	1.64	0.36	0.26	20.55	01/24/2019	12:35

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