

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB100536

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
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	PB116694BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	01/29/2019	12:32
2	K1008-04		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	01/29/2019	12:35
3	K1008-04DUP		1	5.04	50	2.00	3.70	5.50	1.80	0.20	0.08	6.35	01/29/2019	12:38
4	K1010-08		1	5.05	50	2.00	5.50	7.32	1.82	0.18	0.06	4.75	01/29/2019	12:42
5	K1010-10		1	5.05	50	2.00	7.32	9.04	1.72	0.28	0.16	12.67	01/29/2019	12:45
6	K1016-12		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.12	9.54	01/29/2019	12:48
7	K1265-01		1	5.06	50	2.00	1.76	3.40	1.64	0.36	0.24	18.97	01/29/2019	12:55

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