

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103944

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	PB121345BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/12/2019	13:30
2	K3618-04		1	5.02	50	2.00	1.90	3.74	1.84	0.16	0.06	4.78	07/12/2019	13:32
3	K3618-04DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	07/12/2019	13:35
4	K3626-06		1	5.05	50	2.00	5.60	7.26	1.66	0.34	0.24	19.01	07/12/2019	13:38
5	K3626-08		1	5.00	50	2.00	0.00	1.68	1.68	0.32	0.22	17.60	07/12/2019	13:42
6	K3761-02		1	5.02	50	2.00	1.68	3.28	1.60	0.40	0.30	23.90	07/12/2019	13:45

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