

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104604

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
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	PB122270BL		1	5.06	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	08/14/2019	11:30
2	K4325-02		1	5.03	50	2.00	1.98	3.92	1.94	0.06	0.04	3.18	08/14/2019	11:32
3	K4325-02DUP		1	5.02	50	2.00	3.92	5.88	1.96	0.04	0.02	1.59	08/14/2019	11:35
4	K4329-02		1	5.04	50	2.00	5.88	7.80	1.92	0.08	0.06	4.76	08/14/2019	11:38
5	K4340-02		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.14	11.20	08/14/2019	11:40
6	K4340-04		1	5.02	50	2.00	1.84	3.78	1.94	0.06	0.04	3.19	08/14/2019	11:42

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