

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103821

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	PB121180BL		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	07/05/2019	12:05
2	K3622-02		1	5.02	50	2.00	1.84	3.64	1.80	0.20	0.04	3.19	07/05/2019	12:08
3	K3622-02DUP		1	5.04	50	2.00	3.64	5.46	1.82	0.18	0.02	1.59	07/05/2019	12:12
4	K3622-04		1	5.05	50	2.00	5.46	7.28	1.82	0.18	0.02	1.58	07/05/2019	12:15
5	K3624-02		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.02	1.60	07/05/2019	12:18
6	K3624-04		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.04	3.19	07/05/2019	12:22
7	K3624-06		1	5.03	50	2.00	3.62	5.30	1.68	0.32	0.16	12.72	07/05/2019	12:25
8	K3624-08		1	5.02	50	2.00	5.30	6.96	1.66	0.34	0.18	14.34	07/05/2019	12:28
9	K3668-04		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.02	1.60	07/05/2019	12:32
10	K3668-08		1	5.01	50	2.00	1.82	3.52	1.70	0.30	0.14	11.18	07/05/2019	12:35
11	K3668-12		1	5.02	50	2.00	3.52	5.26	1.74	0.26	0.10	7.97	07/05/2019	12:38

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