

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104014

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	PB121427BL		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	07/16/2019	13:32
2	K3622-06		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	07/16/2019	13:35
3	K3622-06DUP		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	07/16/2019	13:38
4	K3622-08		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.02	1.58	07/16/2019	13:42
5	K3623-02		1	5.00	50	2.00	1.86	3.70	1.84	0.16	0.04	3.20	07/16/2019	13:45
6	K3623-04		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.24	19.12	07/16/2019	13:48
7	K3623-06		1	5.03	50	2.00	1.64	3.48	1.84	0.16	0.04	3.18	07/16/2019	13:52
8	K3627-04		1	5.04	50	2.00	3.48	5.10	1.62	0.38	0.26	20.63	07/16/2019	13:55
9	K3820-02		1	5.02	50	2.00	5.10	6.94	1.84	0.16	0.04	3.19	07/16/2019	13:58
10	K3826-02		1	5.03	50	2.00	6.94	8.70	1.76	0.24	0.12	9.54	07/16/2019	14:02
11	K3826-04		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.26	20.63	07/16/2019	14:05
12	K3830-02		1	5.05	50	2.00	1.62	3.44	1.82	0.18	0.06	4.75	07/16/2019	14:08

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

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13	K3830-04		1	5.03	50	2.00	3.44	5.06	1.62	0.38	0.26	20.68	07/16/2019	14:12
14	K3830-06		1	5.02	50	2.00	5.06	6.72	1.66	0.34	0.22	17.53	07/16/2019	14:15
15	K3830-08		1	5.00	50	2.00	6.72	8.34	1.62	0.38	0.26	20.80	07/16/2019	14:18

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