

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104113

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	PB121576BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	07/20/2019	13:30
2	K3617-02		1	5.03	50	2.00	1.86	3.68	1.82	0.18	0.04	3.18	07/20/2019	13:32
3	K3617-02DUP		1	5.04	50	2.00	3.68	5.52	1.84	0.16	0.02	1.59	07/20/2019	13:35
4	K3617-04		1	5.03	50	2.00	5.52	7.30	1.78	0.22	0.08	6.36	07/20/2019	13:38
5	K3621-06		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.06	4.75	07/20/2019	13:40
6	K3622-10		1	5.03	50	2.00	1.80	3.62	1.82	0.18	0.04	3.18	07/20/2019	13:42
7	K3622-12		1	5.06	50	2.00	3.62	5.46	1.84	0.16	0.02	1.58	07/20/2019	13:45
8	K3896-06		1	1.02	50	2.00	5.46	7.28	1.82	0.18	0.04	15.69	07/20/2019	13:48
9	K3896-07		1	1.03	50	2.00	0.00	1.82	1.82	0.18	0.04	15.53	07/20/2019	13:50
10	K3896-08		1	1.05	50	2.00	1.82	3.60	1.78	0.22	0.08	30.48	07/20/2019	13:52
11	K3896-09		1	1.04	50	2.00	3.60	5.40	1.80	0.20	0.06	23.08	07/20/2019	13:55
12	K3903-07		1	5.05	50	2.00	5.40	7.16	1.76	0.24	0.10	7.92	07/20/2019	13:58

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	K3903-08		1	5.02	50	2.00	7.16	8.96	1.80	0.20	0.06	4.78	07/20/2019	14:02
14	K3928-04		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.08	6.35	07/20/2019	14:05

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