

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103676

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	PB120995BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	06/27/2019	12:20
2	K3157-12		1	5.02	50	2.00	1.84	3.52	1.68	0.32	0.16	12.75	06/27/2019	12:22
3	K3157-12DUP		1	5.04	50	2.00	3.52	5.22	1.70	0.30	0.14	11.11	06/27/2019	12:25
4	K3157-14		1	5.05	50	2.00	5.22	7.04	1.82	0.18	0.02	1.58	06/27/2019	12:28
5	K3157-16		1	5.00	50	2.00	0.00	1.78	1.78	0.22	0.06	4.80	06/27/2019	12:32
6	K3157-18		1	5.02	50	2.00	1.78	3.50	1.72	0.28	0.12	9.56	06/27/2019	12:35
7	K3157-20		1	5.03	50	2.00	3.50	5.24	1.74	0.26	0.10	7.95	06/27/2019	12:38
8	K3159-10		1	5.04	50	2.00	5.24	7.00	1.76	0.24	0.08	6.35	06/27/2019	12:42
9	K3159-12		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.14	11.16	06/27/2019	12:45
10	K3507-02		1	5.04	50	2.00	1.70	3.48	1.78	0.22	0.06	4.76	06/27/2019	12:48
11	K3507-04		1	5.03	50	2.00	3.48	5.30	1.82	0.18	0.02	1.59	06/27/2019	12:52
12	K3509-02		1	5.02	50	2.00	5.30	7.06	1.76	0.24	0.08	6.37	06/27/2019	12:55

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	K3509-04		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.02	1.59	06/27/2019	12:58
14	K3544-01		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.04	3.19	06/27/2019	13:02

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