

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB120173

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB144831BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	05/14/2022	13:45
2	N2832-13		1	5.06	50	2.00	1.96	3.86	1.90	0.10	0.06	4.74	05/14/2022	13:48
3	N2832-13DUP		1	5.05	50	2.00	3.86	5.78	1.92	0.08	0.04	3.17	05/14/2022	13:50
4	N2832-14		1	5.03	50	2.00	5.78	7.72	1.94	0.06	0.02	1.59	05/14/2022	13:52
5	N2832-15		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.06	4.76	05/14/2022	13:55
6	N2832-16		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.08	6.37	05/14/2022	13:58
7	N2832-17		1	5.03	50	2.00	3.78	5.70	1.92	0.08	0.04	3.18	05/14/2022	14:00
8	N2832-18		1	5.04	50	2.00	5.70	7.60	1.90	0.10	0.06	4.76	05/14/2022	14:02
9	N2832-19		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	05/14/2022	14:05
10	N2832-20		1	5.04	50	2.00	1.94	3.86	1.92	0.08	0.04	3.17	05/14/2022	14:08
11	N2832-21		1	5.02	50	2.00	3.86	5.76	1.90	0.10	0.06	4.78	05/14/2022	14:10
12	N2832-22		1	5.06	50	2.00	5.76	7.64	1.88	0.12	0.08	6.32	05/14/2022	14:12

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	N2832-23		1	5.08	50	2.00	0.00	1.92	1.92	0.08	0.04	3.15	05/14/2022	14:15
14	N2832-24		1	5.07	50	2.00	1.92	3.80	1.88	0.12	0.08	6.31	05/14/2022	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