

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118125

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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	W2703

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	PB141916BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/07/2022	15:40
2	N1023-01		1	5.03	50	2.00	1.92	3.80	1.88	0.12	0.04	3.18	01/07/2022	15:42
3	N1023-01DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	01/07/2022	15:45
4	N1052-02		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	01/07/2022	15:48
5	N1056-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	01/07/2022	15:50
6	N1056-02		1	5.03	50	2.00	1.90	3.78	1.88	0.12	0.04	3.18	01/07/2022	15:52
7	N1056-03		1	5.06	50	2.00	3.78	5.62	1.84	0.16	0.08	6.32	01/07/2022	15:55
8	N1056-04		1	5.04	50	2.00	5.62	7.50	1.88	0.12	0.04	3.17	01/07/2022	15:58
9	N1056-05		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	01/07/2022	16:00
10	N1056-06		1	5.09	50	2.00	1.88	3.74	1.86	0.14	0.06	4.72	01/07/2022	16:02
11	N1065-02		1	5.08	50	2.00	3.74	5.56	1.82	0.18	0.10	7.87	01/07/2022	16:05
12	N1065-07		1	5.07	50	2.00	5.56	7.40	1.84	0.16	0.08	6.31	01/07/2022	16:08

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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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
13	N1065-11		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	01/07/2022	16:10
14	N1065-15		1	5.05	50	2.00	1.86	3.70	1.84	0.16	0.08	6.34	01/07/2022	16:12
15	N1065-19		1	5.07	50	2.00	3.70	5.52	1.82	0.18	0.10	7.89	01/07/2022	16:15
16	N1065-23		1	5.09	50	2.00	5.52	7.40	1.88	0.12	0.04	3.14	01/07/2022	16:18
17	N1065-27		1	5.08	50	2.00	0.00	1.84	1.84	0.16	0.08	6.30	01/07/2022	16:20
18	N1065-31		1	5.06	50	2.00	1.84	3.66	1.82	0.18	0.10	7.91	01/07/2022	16:22
19	N1065-35		1	5.07	50	2.00	3.66	5.50	1.84	0.16	0.08	6.31	01/07/2022	16:25
20	N1065-39		1	5.06	50	2.00	5.50	7.34	1.84	0.16	0.08	6.32	01/07/2022	16:28
21	N1065-43		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	01/07/2022	16:30

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