

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117805

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

Reagent/Standard	Lot/Log #
p-xylene	W2743
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	PB141421BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	12/15/2021	13:20
2	M5065-02		1	5.05	50	2.00	1.94	3.84	1.90	0.10	0.04	3.17	12/15/2021	13:22
3	M5065-02DUP		1	5.06	50	2.00	3.84	5.76	1.92	0.08	0.02	1.58	12/15/2021	13:25
4	M5067-02		1	5.07	50	2.00	5.76	7.64	1.88	0.12	0.06	4.73	12/15/2021	13:28
5	M5067-05		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	12/15/2021	13:30
6	M5074-01		1	5.05	50	2.00	1.90	3.76	1.86	0.14	0.08	6.34	12/15/2021	13:32
7	M5074-03		1	5.04	50	2.00	3.76	5.60	1.84	0.16	0.10	7.94	12/15/2021	13:35
8	M5074-05		1	5.07	50	2.00	5.60	7.46	1.86	0.14	0.08	6.31	12/15/2021	13:38
9	M5074-07		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.08	6.30	12/15/2021	13:40
10	M5083-22		1	5.09	50	2.00	1.86	3.70	1.84	0.16	0.10	7.86	12/15/2021	13:42
11	M5083-23		1	5.07	50	2.00	3.70	5.54	1.84	0.16	0.10	7.89	12/15/2021	13:45
12	M5083-24		1	5.06	50	2.00	5.54	7.42	1.88	0.12	0.06	4.74	12/15/2021	13:48

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	M5083-25		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.10	7.92	12/15/2021	13:50
14	M5083-26		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.08	6.35	12/15/2021	13:52
15	M5083-27		1	5.08	50	2.00	3.70	5.58	1.88	0.12	0.06	4.72	12/15/2021	13:55
16	M5089-03		1	5.07	50	2.00	5.58	7.42	1.84	0.16	0.10	7.89	12/15/2021	13:58
17	M5089-07		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	12/15/2021	14:00
18	M5089-11		1	5.04	50	2.00	1.86	3.72	1.86	0.14	0.08	6.35	12/15/2021	14:02
19	M5089-15		1	5.07	50	2.00	3.70	5.58	1.88	0.12	0.06	4.73	12/15/2021	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