

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117300

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	PB140669BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	11/10/2021	15:50
2	M4587-01		1	5.02	50	2.00	1.90	3.74	1.84	0.16	0.06	4.78	11/10/2021	15:52
3	M4587-01DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	11/10/2021	15:55
4	M4593-02		1	5.05	50	2.00	5.60	7.48	1.88	0.12	0.02	1.58	11/10/2021	15:58
5	M4595-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	11/10/2021	16:00
6	M4595-04		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.06	4.77	11/10/2021	16:02
7	M4595-07		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.08	6.32	11/10/2021	16:05
8	M4595-08		1	5.04	50	2.00	5.52	7.36	1.84	0.16	0.06	4.76	11/10/2021	16:08
9	M4601-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	11/10/2021	16:10
10	M4603-02		1	5.01	50	2.00	1.84	3.70	1.86	0.14	0.04	3.19	11/10/2021	16:12

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