

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117678

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 Volume (mL)	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	PB141158BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/07/2021	13:40
2	M4920-04		1	50	50	2.00	1.92	3.80	1.88	0.12	0.04	0.32	12/07/2021	13:42
3	M4920-04DUP		1	50	50	2.00	3.80	5.70	1.90	0.10	0.02	0.16	12/07/2021	13:45
4	M4934-05		1	50	50	2.00	5.70	7.56	1.86	0.14	0.06	0.48	12/07/2021	13:48
5	M4934-06		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	12/07/2021	13:50
6	M4934-07		1	50	50	2.00	1.88	3.78	1.90	0.10	0.02	0.16	12/07/2021	13:52
7	M4953-01		1	50	50	2.00	3.78	5.64	1.86	0.14	0.06	0.48	12/07/2021	13:55
8	M4953-02		1	50	50	2.00	5.64	7.48	1.84	0.16	0.08	0.64	12/07/2021	13:58
9	M4953-03		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	12/07/2021	14:00

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