

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117301

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	PB140670BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/10/2021	16:15
2	M4567-01		1	50	50	2.00	1.92	3.82	1.90	0.10	0.02	0.16	11/10/2021	16:18
3	M4567-01DUP		1	50	50	2.00	3.82	5.70	1.88	0.12	0.04	0.32	11/10/2021	16:20
4	M4567-02		1	50	50	2.00	5.70	7.56	1.86	0.14	0.06	0.48	11/10/2021	16:22
5	M4600-01		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	11/10/2021	16:25

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