

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB117912

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)	AnalDate	Anal Time
1	PB141574BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	12/19/2021	17:20
2	PB141574BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.62	20.96	12/19/2021	17:22
3	M5165-01		1	50	50	5.00	0.00	4.86	4.86	0.14	0.04	0.32	12/19/2021	17:25
4	M5165-01DUP		1	50	50	5.00	0.00	4.88	4.88	0.12	0.02	0.16	12/19/2021	17:28
5	M5165-01MS	25	1	50	50	5.00	0.00	3.06	3.06	1.94	1.84	14.72	12/19/2021	17:30
6	M5165-01MSD	25	1	50	50	5.00	0.00	3.08	3.08	1.92	1.82	14.56	12/19/2021	17:32
7	M5165-02		1	50	50	5.00	0.00	4.84	4.84	0.16	0.06	0.48	12/19/2021	17:35

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