

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB112443

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2763
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	PB133696BL		1	50	50	5.00	0.00	4.84	4.84	0.16	0.00	0.00	12/18/2020	15:35
2	PB133696BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.64	21.12	12/18/2020	15:38
3	L5139-01		1	50	50	5.00	0.00	4.80	4.80	0.20	0.04	0.32	12/18/2020	15:42
4	L5139-01DUP		1	50	50	5.00	4.80	9.62	4.82	0.18	0.02	0.16	12/18/2020	15:45
5	L5139-01MS	25	1	50	50	5.00	0.00	2.72	2.72	2.28	2.12	16.96	12/18/2020	15:48
6	L5139-01MSD	25	1	50	50	5.00	2.72	5.42	2.70	2.30	2.14	17.12	12/18/2020	15:52
7	L5139-02		1	50	50	5.00	0.00	4.82	4.82	0.18	0.02	0.16	12/18/2020	15:55
8	L5139-03		1	50	50	5.00	4.82	9.62	4.80	0.20	0.04	0.32	12/18/2020	15:58

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