

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114057

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB135857BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	04/19/2021	16:55
2	PB135857BS	25	1	50	50	5.00	0.00	2.34	2.34	2.66	2.56	20.48	04/19/2021	16:58
3	M2043-02		1	50	50	5.00	0.00	4.86	4.86	0.14	0.04	0.32	04/19/2021	17:02
4	M2043-02DUP		1	50	50	5.00	0.00	4.88	4.88	0.12	0.02	0.16	04/19/2021	17:05
5	M2043-02MS	25	1	50	50	5.00	0.00	2.80	2.80	2.20	2.10	16.80	04/19/2021	17:08
6	M2043-02MSD	25	1	50	50	5.00	2.80	5.58	2.78	2.22	2.12	16.96	04/19/2021	17:10

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