

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB119010

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	W2766

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	PB143108BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	03/04/2022	11:40
2	PB143108BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.72	21.76	03/04/2022	11:42
3	N1782-01		1	50	50	5.00	0.00	4.98	4.98	0.02	0.02	0.16	03/04/2022	11:45
4	N1782-01DUP		1	50	50	5.00	0.00	4.96	4.96	0.04	0.04	0.32	03/04/2022	11:48
5	N1782-01MS	25	1	50	50	5.00	0.00	3.10	3.10	1.90	1.90	15.20	03/04/2022	11:50
6	N1782-01MSD	25	1	50	50	5.00	0.00	3.12	3.12	1.88	1.88	15.04	03/04/2022	11:52
7	N1782-03		1	50	50	5.00	0.00	4.98	4.98	0.02	0.02	0.16	03/04/2022	11:55
8	N1782-05		1	50	50	5.00	0.00	4.98	4.98	0.02	0.02	0.16	03/04/2022	11:58

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