

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB118703

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 Weight (g)	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	PB142727BL		1	5.00	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	02/16/2022	16:40
2	PB142727BS	250	1	5.00	50	5.00	0.00	2.32	2.32	2.68	2.50	200.00	02/16/2022	16:42
3	N1556-01		1	5.02	50	5.00	0.00	4.68	4.68	0.32	0.14	11.16	02/16/2022	16:45
4	N1556-01DUP		1	5.05	50	5.00	4.68	9.38	4.70	0.30	0.12	9.50	02/16/2022	16:48
5	N1556-01MS	250	1	5.03	50	5.00	0.00	3.12	3.12	1.88	1.70	135.19	02/16/2022	16:50
6	N1556-01MSD	250	1	5.03	50	5.00	0.00	3.10	3.10	1.90	1.72	136.78	02/16/2022	16:52

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