

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB119624

ANALYST: apatel
 SUPERVISOR REVIEW BY: Iwona
 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	PB144051BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	04/11/2022	16:25
2	PB144051BS	25	1	50	50	5.00	0.00	2.34	2.34	2.66	2.58	20.64	04/11/2022	16:28
3	N2197-01		1	50	50	5.00	0.00	4.88	4.88	0.12	0.04	0.32	04/11/2022	16:33
4	N2197-01DUP		1	50	50	5.00	0.00	4.88	4.88	0.12	0.04	0.32	04/11/2022	16:37
5	N2197-01MS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.70	21.60	04/11/2022	16:42
6	N2197-01MSD	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.72	21.76	04/11/2022	16:46

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