

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB118873

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	PB142954BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	02/26/2022	11:35
2	PB142954BS	250	1	5.00	50	5.00	0.00	2.32	2.32	2.68	2.60	208.00	02/26/2022	11:38
3	N1645-01		1	5.00	50	5.00	0.00	4.86	4.86	0.14	0.06	4.80	02/26/2022	11:40
4	N1645-02		1	5.00	50	5.00	0.00	4.82	4.82	0.18	0.10	8.00	02/26/2022	11:42
5	N1650-01		1	5.03	50	5.00	0.00	4.86	4.86	0.14	0.06	4.77	02/26/2022	11:45
6	N1650-01DUP		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.06	4.78	02/26/2022	11:48
7	N1650-01MS	250	1	5.04	50	5.00	0.00	3.10	3.10	1.90	1.82	144.44	02/26/2022	11:50
8	N1650-01MSD	250	1	5.04	50	5.00	0.00	3.12	3.12	1.88	1.80	142.86	02/26/2022	11:52
9	N1650-03		1	5.07	50	5.00	0.00	4.90	4.90	0.10	0.02	1.58	02/26/2022	11:55

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