

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB117755

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	W2703

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	PB141344BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	12/11/2021	13:45
2	PB141344BS	250	1	5.00	50	5.00	0.00	2.32	2.32	2.68	2.60	208.00	12/11/2021	13:48
3	M5051-01		1	5.02	50	5.00	0.00	4.88	4.88	0.12	0.04	3.19	12/11/2021	13:50
4	M5051-01DUP		1	5.04	50	5.00	4.88	9.78	4.90	0.10	0.02	1.59	12/11/2021	13:52
5	M5051-01MS	250	1	5.05	50	5.00	0.00	3.36	3.36	1.64	1.56	123.56	12/11/2021	13:55
6	M5051-01MSD	250	1	5.05	50	5.00	3.36	6.74	3.38	1.62	1.54	121.98	12/11/2021	13:58
7	M5051-02		1	5.06	50	5.00	0.00	4.84	4.84	0.16	0.08	6.32	12/11/2021	14:00
8	M5051-03		1	5.07	50	5.00	0.00	4.90	4.90	0.10	0.02	1.58	12/11/2021	14:02
9	M5051-04		1	5.08	50	5.00	0.00	4.88	4.88	0.12	0.04	3.15	12/11/2021	14:05

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