

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB98237

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB113353BL		1	50	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	09/28/2018	15:52
2	PB113353BS	25	1	50	50	5.00	0.00	2.32	2.32	2.68	2.50	20.00	09/28/2018	15:55
3	J5155-01		1	50	50	5.00	0.00	4.02	4.02	0.98	0.80	6.40	09/28/2018	15:58
4	J5155-01DUP		1	50	50	5.00	0.00	4.04	4.04	0.96	0.78	6.24	09/28/2018	16:02
5	J5155-01MS	25	1	50	50	5.00	0.00	2.42	2.42	2.58	2.40	19.20	09/28/2018	16:05
6	J5155-01MSD	25	1	50	50	5.00	0.00	2.44	2.44	2.56	2.38	19.04	09/28/2018	16:08
7	J5155-02		1	50	50	5.00	0.00	3.56	3.56	1.44	1.26	10.08	09/28/2018	16:12
8	J5155-03		1	50	50	5.00	3.56	7.50	3.94	1.06	0.88	7.04	09/28/2018	16:15
9	J5155-04		1	50	50	5.00	0.00	2.98	2.98	2.02	1.84	14.72	09/28/2018	16:18
10	J5155-05		1	50	50	5.00	2.98	5.82	2.84	2.16	1.98	15.84	09/28/2018	16:22

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