

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB93174

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
Starch Solution, 4L	W2121

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)	Anal Date	Anal Time
1	PB106399BL		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	02/08/2018	12:05
2	J1404-02		1	5.01	50	2.00	0.00	1.78	1.78	0.22	0.04	3.19	02/08/2018	12:08
3	J1404-02DUP		1	5.02	50	2.00	1.78	3.54	1.76	0.24	0.06	4.78	02/08/2018	12:12
4	J1461-01		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.04	3.18	02/08/2018	12:15
5	J1461-02		1	5.00	50	2.00	1.78	3.18	1.40	0.60	0.42	33.60	02/08/2018	12:19
6	J1461-03		1	5.02	50	2.00	3.18	4.64	1.46	0.54	0.36	28.69	02/08/2018	12:22
7	J1461-04		1	5.01	50	2.00	4.64	6.20	1.56	0.44	0.26	20.76	02/08/2018	12:25
8	J1485-02		1	5.06	50	2.00	6.20	7.80	1.60	0.40	0.22	17.39	02/08/2018	12:28
9	J1485-04		1	5.01	50	2.00	7.80	9.12	1.32	0.68	0.50	39.92	02/08/2018	12:32

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