

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB99443

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB115130BL		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	11/28/2018	12:00
2	J6073-01		1	5.02	50	2.00	1.94	3.86	1.92	0.08	0.02	1.59	11/28/2018	12:03
3	J6073-01DUP		1	5.03	50	2.00	3.86	5.76	1.90	0.10	0.04	3.18	11/28/2018	12:05
4	J6073-02		1	5.00	50	2.00	0.00	1.56	1.56	0.44	0.38	30.40	11/28/2018	12:07
5	J6083-02		1	5.00	50	2.00	1.56	3.26	1.70	0.30	0.24	19.20	11/28/2018	12:09
6	J6083-04		1	5.03	50	2.00	3.26	5.20	1.94	0.06	0.00	0.00	11/28/2018	12:11
7	J6083-06		1	5.05	50	2.00	5.20	6.86	1.66	0.34	0.28	22.18	11/28/2018	12:13
8	J6085-03		1	5.04	50	2.00	6.86	8.80	1.94	0.06	0.00	0.00	11/28/2018	12:15

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