

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97641

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 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	PB112494BL		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.00	0.00	08/30/2018	13:05
2	J4275-20		1	5.02	50	2.00	1.76	3.26	1.50	0.50	0.26	20.72	08/30/2018	13:08
3	J4275-20DUP		1	5.03	50	2.00	3.26	4.78	1.52	0.48	0.24	19.09	08/30/2018	13:12
4	J4275-22		1	5.06	50	2.00	0.00	1.54	1.54	0.46	0.22	17.39	08/30/2018	13:15
5	J4282-16		1	5.03	50	2.00	1.54	3.02	1.48	0.52	0.28	22.27	08/30/2018	13:18
6	J4282-18		1	5.03	50	2.00	3.02	4.14	1.12	0.88	0.64	50.89	08/30/2018	13:22
7	J4282-20		1	5.00	50	2.00	4.14	5.86	1.72	0.28	0.04	3.20	08/30/2018	13:25
8	J4699-03		1	5.00	50	2.00	0.00	1.62	1.62	0.38	0.14	11.20	08/30/2018	13:28
9	J4699-06		1	5.04	50	2.00	1.62	3.20	1.58	0.42	0.18	14.29	08/30/2018	13:32

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