

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89774

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB101911BL		1	5.02	50	2.00	0.00	1.42	1.42	0.58	0.00	0.00	08/29/2017	12:05
2	I5006-05		1	5.04	50	2.00	0.00	1.10	1.10	0.90	0.32	25.40	08/29/2017	12:08
3	I5006-05DUP		1	5.03	50	2.00	1.10	2.22	1.12	0.88	0.30	23.86	08/29/2017	12:10
4	I5006-06		1	5.04	50	2.00	2.22	3.42	1.20	0.80	0.22	17.46	08/29/2017	12:12
5	I5007-03		1	5.05	50	2.00	3.42	4.84	1.42	0.58	0.00	0.00	08/29/2017	12:15
6	I5008-03		1	5.04	50	2.00	4.84	6.00	1.16	0.84	0.26	20.63	08/29/2017	12:18
7	I5008-06		1	5.03	50	2.00	6.00	6.86	0.86	1.14	0.56	44.53	08/29/2017	12:20

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