

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92353

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
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	PB105298BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	12/22/2017	13:30
2	I6677-10		1	5.02	50	2.00	0.00	1.56	1.56	0.44	0.14	11.16	12/22/2017	13:32
3	I6677-10DUP		1	5.05	50	2.00	1.56	3.10	1.54	0.46	0.16	12.67	12/22/2017	13:35
4	I6677-12		1	5.03	50	2.00	3.10	4.64	1.54	0.46	0.16	12.72	12/22/2017	13:38
5	I7022-02		1	5.05	50	2.00	4.64	6.02	1.38	0.62	0.32	25.35	12/22/2017	13:40
6	I7022-04		1	5.04	50	2.00	6.02	7.54	1.52	0.48	0.18	14.29	12/22/2017	13:42
7	I7022-07		1	5.01	50	2.00	7.54	9.04	1.50	0.50	0.20	15.97	12/22/2017	13:45
8	I7037-02		1	5.00	50	2.00	0.00	1.42	1.42	0.58	0.28	22.40	12/22/2017	13:48

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