

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87619

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB99178BL		1	5.02	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	05/22/2017	14:45
2	I3215-21		1	5.04	50	5.00	0.00	4.58	4.58	0.42	0.02	1.59	05/22/2017	14:50
3	I3215-21DUP		1	5.03	50	5.00	4.58	9.14	4.56	0.44	0.04	3.18	05/22/2017	14:55
4	I3215-22		1	5.04	50	5.00	0.00	4.52	4.52	0.48	0.08	6.35	05/22/2017	15:00
5	I3215-23		1	5.05	50	5.00	0.00	4.50	4.50	0.50	0.10	7.92	05/22/2017	15:04
6	I3215-24		1	5.04	50	5.00	4.50	8.92	4.42	0.58	0.18	14.29	05/22/2017	15:09
7	I3215-25		1	5.03	50	5.00	0.00	4.34	4.34	0.66	0.26	20.68	05/22/2017	15:12
8	I3215-26		1	5.04	50	5.00	4.34	8.72	4.38	0.62	0.22	17.46	05/22/2017	15:15
9	I3215-27		1	5.06	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	05/22/2017	15:20

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