

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90501

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	PB102817BL		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.00	0.00	10/02/2017	13:30
2	I5546-03		1	5.04	50	2.00	1.54	2.98	1.44	0.56	0.10	7.94	10/02/2017	13:32
3	I5546-03DUP		1	5.03	50	2.00	2.98	4.40	1.42	0.58	0.12	9.54	10/02/2017	13:35
4	I5547-03		1	5.04	50	2.00	4.40	5.88	1.48	0.52	0.06	4.76	10/02/2017	13:38
5	I5551-03		1	5.05	50	2.00	5.88	7.34	1.46	0.54	0.08	6.34	10/02/2017	13:40
6	I5551-06		1	5.04	50	2.00	0.00	1.36	1.36	0.64	0.18	14.29	10/02/2017	13:42
7	I5551-09		1	5.03	50	2.00	1.36	2.76	1.40	0.60	0.14	11.13	10/02/2017	13:45
8	I5584-04		1	5.04	50	2.00	2.76	4.10	1.34	0.66	0.20	15.87	10/02/2017	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