

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90675

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	PB103092BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/09/2017	12:32
2	I5745-03		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.18	14.29	10/09/2017	12:35
3	I5745-03DUP		1	5.03	50	2.00	1.72	3.42	1.70	0.30	0.20	15.90	10/09/2017	12:38
4	I5745-06		1	5.04	50	2.00	3.42	5.16	1.74	0.26	0.16	12.70	10/09/2017	12:40
5	I5745-09		1	5.05	50	2.00	5.16	6.62	1.46	0.54	0.44	34.85	10/09/2017	12:42
6	I5748-03		1	5.04	50	2.00	6.62	8.10	1.48	0.52	0.42	33.33	10/09/2017	12:45
7	I5748-06		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.40	31.81	10/09/2017	12:48
8	I5748-09		1	5.04	50	2.00	1.50	3.02	1.52	0.48	0.38	30.16	10/09/2017	12:50
9	I5749-02		1	5.06	50	2.00	3.02	4.44	1.42	0.58	0.48	37.94	10/09/2017	12:52
10	I5750-01		1	5.04	50	2.00	4.44	5.92	1.48	0.52	0.42	33.33	10/09/2017	12:55

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