

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89310

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	PB101316BL		1	5.02	50	2.00	0.00	1.66	1.66	0.34	0.00	0.00	08/07/2017	13:02
2	I4625-03		1	5.04	50	2.00	0.00	1.46	1.46	0.54	0.20	15.87	08/07/2017	13:05
3	I4625-03DUP		1	5.03	50	2.00	1.46	2.94	1.48	0.52	0.18	14.31	08/07/2017	13:08
4	I4625-06		1	5.04	50	2.00	2.94	4.44	1.50	0.50	0.16	12.70	08/07/2017	13:10
5	I4636-03		1	5.05	50	2.00	4.44	6.02	1.58	0.42	0.08	6.34	08/07/2017	13:12
6	I4638-11		1	5.04	50	2.00	6.02	7.58	1.56	0.44	0.10	7.94	08/07/2017	13:15
7	I4639-03		1	5.03	50	2.00	7.58	9.06	1.48	0.52	0.18	14.31	08/07/2017	13:18
8	I4639-06		1	5.04	50	2.00	0.00	1.42	1.42	0.58	0.24	19.05	08/07/2017	13:20
9	I4642-03		1	5.05	50	2.00	1.42	2.68	1.26	0.74	0.40	31.68	08/07/2017	13:23

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