

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89403

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	PB101415BL		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.00	0.00	08/10/2017	13:05
2	I4683-02		1	5.04	50	2.00	0.00	1.42	1.42	0.58	0.20	15.87	08/10/2017	13:08
3	I4683-02DUP		1	5.03	50	2.00	1.42	2.86	1.44	0.56	0.18	14.31	08/10/2017	13:12
4	I4695-03		1	5.04	50	2.00	2.86	4.04	1.18	0.82	0.44	34.92	08/10/2017	13:15
5	I4699-03		1	5.05	50	2.00	4.04	5.30	1.26	0.74	0.36	28.51	08/10/2017	13:18
6	I4700-03		1	5.04	50	2.00	5.30	6.64	1.34	0.66	0.28	22.22	08/10/2017	13:20
7	I4700-06		1	5.03	50	2.00	6.64	7.90	1.26	0.74	0.36	28.63	08/10/2017	13:23
8	I4700-09		1	5.04	50	2.00	7.90	9.20	1.30	0.70	0.32	25.40	08/10/2017	13:25

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