

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89246

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	PB101254BL		1	5.02	50	2.00	0.00	1.44	1.44	0.56	0.00	0.00	08/03/2017	17:02
2	I4555-08		1	5.04	50	2.00	0.00	1.30	1.30	0.70	0.14	11.11	08/03/2017	17:05
3	I4555-08DUP		1	5.03	50	2.00	1.30	2.58	1.28	0.72	0.16	12.72	08/03/2017	17:08
4	I4555-13		1	5.04	50	2.00	2.62	3.76	1.14	0.86	0.30	23.81	08/03/2017	17:10
5	I4584-03		1	5.05	50	2.00	3.76	4.98	1.22	0.78	0.22	17.43	08/03/2017	17:12
6	I4585-03		1	5.04	50	2.00	4.98	6.18	1.20	0.80	0.24	19.05	08/03/2017	17:15
7	I4586-03		1	5.03	50	2.00	6.18	7.32	1.14	0.86	0.30	23.86	08/03/2017	17:18
8	I4591-03		1	5.04	50	2.00	7.32	8.38	1.06	0.94	0.38	30.16	08/03/2017	17:20
9	I4591-07		1	5.03	50	2.00	0.00	0.92	0.92	1.08	0.52	41.35	08/03/2017	17:22
10	I4592-02		1	5.04	50	2.00	0.92	2.06	1.14	0.86	0.30	23.81	08/03/2017	17:25
11	I4594-05		1	5.04	50	2.00	2.06	3.00	0.94	1.06	0.50	39.68	08/03/2017	17:28

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