

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88277

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB100028BL		1	5.02	50	5.00	0.00	4.24	4.24	0.76	0.00	0.00	06/21/2017	12:05
2	I3792-03		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.04	3.17	06/21/2017	12:15
3	I3792-03DUP		1	5.03	50	5.00	0.00	4.22	4.22	0.78	0.02	1.59	06/21/2017	12:26
4	I3799-16		1	5.04	50	5.00	4.22	8.44	4.22	0.78	0.02	1.59	06/21/2017	12:15
5	I3799-17		1	5.05	50	5.00	0.00	3.90	3.90	1.10	0.34	26.93	06/21/2017	12:18
6	I3799-18		1	5.04	50	5.00	3.90	8.10	4.20	0.80	0.04	3.17	06/21/2017	12:22
7	I3799-19		1	5.03	50	5.00	0.00	4.10	4.10	0.90	0.14	11.13	06/21/2017	12:25
8	I3799-20		1	5.04	50	5.00	4.10	8.20	4.10	0.90	0.14	11.11	06/21/2017	12:28
9	I3799-21		1	5.03	50	5.00	0.00	3.86	3.86	1.14	0.38	30.22	06/21/2017	12:32
10	I3799-22		1	5.04	50	5.00	3.86	7.80	3.94	1.06	0.30	23.81	06/21/2017	12:35
11	I3802-03		1	5.03	50	5.00	0.00	3.78	3.78	1.22	0.46	36.58	06/21/2017	12:38

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