

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92049

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
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	PB104865BL		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.00	0.00	12/08/2017	14:30
2	I6677-02		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.04	3.19	12/08/2017	14:32
3	I6677-02DUP		1	5.03	50	2.00	1.54	3.06	1.52	0.48	0.06	4.77	12/08/2017	14:35
4	I6677-04		1	5.02	50	2.00	3.06	4.60	1.54	0.46	0.04	3.19	12/08/2017	14:38
5	I6789-03		1	5.02	50	2.00	4.60	5.96	1.36	0.64	0.22	17.53	12/08/2017	14:40
6	I6790-02		1	5.03	50	2.00	5.96	7.38	1.42	0.58	0.16	12.72	12/08/2017	14:42
7	I6791-07		1	5.06	50	2.00	0.00	1.30	1.30	0.70	0.28	22.13	12/08/2017	14:45
8	I6791-08		1	5.09	50	2.00	1.30	2.78	1.48	0.52	0.10	7.86	12/08/2017	14:48
9	I6791-09		1	5.05	50	2.00	2.78	4.04	1.26	0.74	0.32	25.35	12/08/2017	14:50
10	I6791-10		1	5.01	50	2.00	4.04	5.30	1.26	0.74	0.32	25.55	12/08/2017	14:52
11	I6791-11		1	5.07	50	2.00	5.30	6.60	1.30	0.70	0.28	22.09	12/08/2017	14:55
12	I6791-12		1	5.08	50	2.00	6.60	7.90	1.30	0.70	0.28	22.05	12/08/2017	14:58

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