

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89117

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	PB101047BL		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.00	0.00	07/28/2017	13:05
2	I4488-03		1	5.04	50	2.00	1.54	2.94	1.40	0.60	0.14	11.11	07/28/2017	13:08
3	I4488-03DUP		1	5.03	50	2.00	2.94	4.32	1.38	0.62	0.16	12.72	07/28/2017	13:10
4	I4488-06		1	5.04	50	2.00	4.32	5.80	1.48	0.52	0.06	4.76	07/28/2017	13:12
5	I4488-09		1	5.05	50	2.00	5.80	7.06	1.26	0.74	0.28	22.18	07/28/2017	13:15
6	I4488-12		1	5.04	50	2.00	0.00	1.30	1.30	0.70	0.24	19.05	07/28/2017	13:18
7	I4488-15		1	5.03	50	2.00	1.30	2.58	1.28	0.72	0.26	20.68	07/28/2017	13:20
8	I4497-04		1	5.04	50	2.00	2.58	3.96	1.38	0.62	0.16	12.70	07/28/2017	13:22
9	I4497-08		1	5.03	50	2.00	3.96	5.40	1.44	0.56	0.10	7.95	07/28/2017	13:25
10	I4497-12		1	5.04	50	2.00	5.40	6.64	1.24	0.76	0.30	23.81	07/28/2017	13:28

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