

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89627

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	PB101719BL		1	5.02	50	2.00	0.00	1.42	1.42	0.58	0.00	0.00	08/21/2017	13:32
2	I4869-05		1	5.04	50	2.00	0.00	1.38	1.38	0.62	0.04	3.17	08/21/2017	13:35
3	I4869-05DUP		1	5.03	50	2.00	1.38	2.78	1.40	0.60	0.02	1.59	08/21/2017	13:38
4	I4869-06		1	5.04	50	2.00	2.78	4.18	1.40	0.60	0.02	1.59	08/21/2017	13:40
5	I4889-05		1	5.05	50	2.00	4.18	5.48	1.30	0.70	0.12	9.50	08/21/2017	13:42
6	I4892-03		1	5.04	50	2.00	5.48	6.78	1.30	0.70	0.12	9.52	08/21/2017	13:45
7	I4898-03		1	5.03	50	2.00	6.78	8.20	1.42	0.58	0.00	0.00	08/21/2017	13:48
8	I4898-06		1	5.04	50	2.00	0.00	1.18	1.18	0.82	0.24	19.05	08/21/2017	13:50
9	I4900-16		1	5.03	50	2.00	1.18	2.46	1.28	0.72	0.14	11.13	08/21/2017	13:52
10	I4900-18		1	5.06	50	2.00	2.46	3.56	1.10	0.90	0.32	25.30	08/21/2017	13:55

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