

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89530

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	PB101584BL		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	08/16/2017	12:05
2	I4799-03		1	5.04	50	2.00	1.68	3.34	1.66	0.34	0.02	1.59	08/16/2017	12:08
3	I4799-03DUP		1	5.03	50	2.00	3.34	5.02	1.68	0.32	0.00	0.00	08/16/2017	12:10
4	I4799-06		1	5.04	50	2.00	5.02	6.66	1.64	0.36	0.04	3.17	08/16/2017	12:12
5	I4814-02		1	5.05	50	2.00	6.66	8.30	1.64	0.36	0.04	3.17	08/16/2017	12:15
6	I4815-03		1	5.04	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	08/16/2017	12:18
7	I4815-06		1	5.03	50	2.00	1.68	3.24	1.56	0.44	0.12	9.54	08/16/2017	12:20
8	I4817-03		1	5.04	50	2.00	3.24	4.80	1.56	0.44	0.12	9.52	08/16/2017	12:22
9	I4825-02		1	5.06	50	2.00	4.80	6.42	1.62	0.38	0.06	4.74	08/16/2017	12:25

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