

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85856

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB96990BL		1	5.00	50	5.00	0.00	4.36	4.36	0.64	0.00	0.00	02/16/2017	16:06
2	I1850-06		1	5.03	50	5.00	0.00	4.10	4.10	0.90	0.26	20.68	02/16/2017	16:15
3	I1850-06DUP		1	5.02	50	5.00	4.10	8.22	4.12	0.88	0.24	19.12	02/16/2017	16:30
4	I1859-05		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.16	12.70	02/16/2017	16:35
5	I1859-10		1	5.03	50	5.00	4.20	7.96	3.76	1.24	0.60	47.71	02/16/2017	16:42
6	I1859-15		1	5.04	50	5.00	0.00	3.50	3.50	1.50	0.86	68.25	02/16/2017	16:50
7	I1865-02		1	5.03	50	5.00	3.50	7.10	3.60	1.40	0.76	60.44	02/16/2017	16:58
8	I1869-02		1	5.02	50	5.00	0.00	3.50	3.50	1.50	0.86	68.53	02/16/2017	17:05

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