

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90327

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	PB102618BL		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	09/26/2017	12:32
2	I5415-01		1	5.04	50	2.00	0.00	1.64	1.64	0.36	0.08	6.35	09/26/2017	12:35
3	I5415-01DUP		1	5.03	50	2.00	1.64	3.26	1.62	0.38	0.10	7.95	09/26/2017	12:38
4	I5421-02		1	5.04	50	2.00	3.26	4.90	1.64	0.36	0.08	6.35	09/26/2017	12:40
5	I5423-03		1	5.05	50	2.00	4.90	6.30	1.40	0.60	0.32	25.35	09/26/2017	12:42
6	I5423-06		1	5.04	50	2.00	6.30	7.80	1.50	0.50	0.22	17.46	09/26/2017	12:45
7	I5428-02		1	5.03	50	2.00	0.00	1.62	1.62	0.38	0.10	7.95	09/26/2017	12:48

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