

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90190

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	PB102464BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	09/20/2017	12:32
2	I5308-04		1	5.04	50	2.00	0.00	1.22	1.22	0.78	0.60	47.62	09/20/2017	12:35
3	I5308-04DUP		1	5.03	50	2.00	1.22	2.42	1.20	0.80	0.62	49.30	09/20/2017	12:38
4	I5308-08		1	5.04	50	2.00	2.42	3.46	1.04	0.96	0.78	61.90	09/20/2017	12:40
5	I5310-03		1	5.05	50	2.00	3.46	4.50	1.04	0.96	0.78	61.78	09/20/2017	12:42
6	I5310-06		1	5.06	50	2.00	4.50	5.66	1.16	0.84	0.66	52.17	09/20/2017	12:45
7	I5311-03		1	5.03	50	2.00	5.66	6.74	1.08	0.92	0.74	58.85	09/20/2017	12:48
8	I5312-03		1	5.05	50	2.00	6.74	8.00	1.26	0.74	0.56	44.36	09/20/2017	12:50
9	I5313-06		1	5.06	50	2.00	0.00	1.04	1.04	0.96	0.78	61.66	09/20/2017	12:52

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