

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87192

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB98608BL		1	5.02	50	5.00	0.00	3.86	3.86	1.14	0.00	0.00	05/01/2017	12:30
2	I2923-04		1	5.05	50	5.00	0.00	3.58	3.58	1.42	0.28	22.18	05/01/2017	12:34
3	I2923-04DUP		1	5.05	50	5.00	3.58	7.14	3.56	1.44	0.30	23.76	05/01/2017	12:40
4	I2925-05		1	5.06	50	5.00	0.00	3.44	3.44	1.56	0.42	33.20	05/01/2017	12:43
5	I2928-03		1	5.07	50	5.00	0.00	3.30	3.30	1.70	0.56	44.18	05/01/2017	12:47
6	I2930-03		1	5.08	50	5.00	3.30	6.82	3.52	1.48	0.34	26.77	05/01/2017	12:50
7	I2930-08		1	5.09	50	5.00	0.00	3.42	3.42	1.58	0.44	34.58	05/01/2017	12:54
8	I2930-10		1	5.05	50	5.00	3.42	6.74	3.32	1.68	0.54	42.77	05/01/2017	12:58
9	I2930-14		1	5.06	50	5.00	0.00	3.26	3.26	1.74	0.60	47.43	05/01/2017	13:04

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