

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88532

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 Volume (mL)	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	PB100384BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	07/03/2017	14:05
2	I4000-02		1	50	50	2.00	0.00	1.64	1.64	0.36	0.30	2.40	07/03/2017	14:08
3	I4000-02DUP		1	50	50	2.00	0.00	1.62	1.62	0.38	0.32	2.56	07/03/2017	14:10
4	I4006-02		1	50	50	2.00	1.62	3.52	1.90	0.10	0.04	0.32	07/03/2017	14:12
5	I4018-01		1	50	50	2.00	0.00	1.64	1.64	0.36	0.30	2.40	07/03/2017	14:14
6	I4020-02		1	50	50	2.00	1.64	3.30	1.66	0.34	0.28	2.24	07/03/2017	14:16
7	I4020-05		1	50	50	2.00	3.30	4.62	1.32	0.68	0.62	4.96	07/03/2017	14:18

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