

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90105

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	PB102361BL		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.00	0.00	09/15/2017	13:32
2	I5249-02		1	5.04	50	2.00	1.54	3.06	1.52	0.48	0.02	1.59	09/15/2017	13:35
3	I5249-02DUP		1	5.03	50	2.00	3.06	4.56	1.50	0.50	0.04	3.18	09/15/2017	13:38
4	I5250-03		1	5.04	50	2.00	4.56	5.98	1.42	0.58	0.12	9.52	09/15/2017	13:40
5	I5252-02		1	5.06	50	2.00	5.98	7.42	1.44	0.56	0.10	7.91	09/15/2017	13:42

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