

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90080

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	PB102333BL		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	09/14/2017	11:52
2	I5231-03		1	5.04	50	2.00	1.60	3.18	1.58	0.42	0.02	1.59	09/14/2017	11:55
3	I5231-03DUP		1	5.03	50	2.00	3.18	4.74	1.56	0.44	0.04	3.18	09/14/2017	11:58
4	I5236-03		1	5.05	50	2.00	4.74	6.18	1.44	0.56	0.16	12.67	09/14/2017	12:02

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