

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB111416

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2670
Starch Solution, 4L	W2703

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)	AnalDate	Anal Time
1	PB132269BL		1	5.03	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	10/09/2020	15:40
2	PB132269BS	250	1	5.02	50	5.00	0.00	1.98	1.98	3.02	2.92	232.67	10/09/2020	15:42
3	L4214-01		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.04	3.19	10/09/2020	15:45
4	L4214-02		1	5.04	50	5.00	0.00	4.74	4.74	0.26	0.16	12.70	10/09/2020	15:48

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