

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB108915

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB128543BL		1	5.05	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	04/29/2020	13:05
2	PB128543BS	250	1	5.02	50	5.00	0.00	2.20	2.20	2.80	2.60	207.17	04/29/2020	13:08
3	L2182-01		1	5.02	50	5.00	0.00	4.76	4.76	0.24	0.04	3.19	04/29/2020	13:12
4	L2182-02		1	5.04	50	5.00	0.00	4.64	4.64	0.36	0.16	12.70	04/29/2020	13:15

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