

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB109140

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	W2703

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)	AnalDate	Anal Time
1	PB128858BL		1	50	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	05/13/2020	14:50
2	PB128858BS	25	1	50	50	5.00	0.00	2.10	2.10	2.90	2.50	20.00	05/13/2020	14:52
3	L2596-01		1	50	50	5.00	0.00	4.22	4.22	0.78	0.38	3.04	05/13/2020	14:55
4	L2596-01DUP		1	50	50	5.00	4.22	8.42	4.20	0.80	0.40	3.20	05/13/2020	14:58
5	L2596-01MS	25	1	50	50	5.00	0.00	2.00	2.00	3.00	2.60	20.80	05/13/2020	15:01
6	L2596-01MSD	25	1	50	50	5.00	2.00	4.02	2.02	2.98	2.58	20.64	05/13/2020	15:04
7	L2596-02		1	50	50	5.00	4.02	8.24	4.22	0.78	0.38	3.04	05/13/2020	15:06
8	L2596-03		1	50	50	5.00	0.00	4.00	4.00	1.00	0.60	4.80	05/13/2020	15:08

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