

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90163

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 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	PB102418BL		1	50	50	5.00	0.00	4.44	4.44	0.56	0.00	0.00	09/18/2017	16:24
2	PB102418BS	25	1	50	50	5.00	0.00	1.90	1.90	3.10	2.54	20.32	09/18/2017	16:27
3	I5274-32		1	50	50	5.00	0.00	3.50	3.50	1.50	0.94	7.52	09/18/2017	16:30
4	I5275-05		1	50	50	5.00	0.00	4.36	4.36	0.64	0.08	0.64	09/18/2017	16:34
5	I5275-06		1	50	50	5.00	0.00	4.16	4.16	0.84	0.28	2.24	09/18/2017	16:38

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