

Analysis Method: 9034

ANALYST: Iwona

Parameter: Sulfide

SUPERVISOR REVIEW BY: Sohil

Run Number: LB126782

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

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	PB154704BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	08/03/2023	14:40
2	PB154704BS	25	1	50	50	5.00	0.00	2.06	2.06	2.94	2.88	23.04	08/03/2023	14:43
3	O3856-01		1	50	50	5.00	0.00	4.32	4.32	0.68	0.62	4.96	08/03/2023	14:47
4	O3856-01DUP		1	50	50	5.00	0.00	4.34	4.34	0.66	0.60	4.80	08/03/2023	14:50
5	O3856-01MS	25	1	50	50	5.00	0.00	1.80	1.80	3.20	3.14	25.12	08/03/2023	14:53
6	O3856-01MSD	25	1	50	50	5.00	0.00	1.82	1.82	3.18	3.12	24.96	08/03/2023	14:57
7	O3856-03		1	50	50	5.00	0.00	4.44	4.44	0.56	0.50	4.00	08/03/2023	15:00
8	O3856-05		1	50	50	5.00	0.00	4.42	4.42	0.58	0.52	4.16	08/03/2023	15:04
9	O3856-07		1	50	50	5.00	0.00	4.36	4.36	0.64	0.58	4.64	08/03/2023	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