

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB105023

ANALYST: chirag
 SUPERVISOR REVIEW BY: AMANDEEP
 Constant: 16000
 Normality1: 0.03
 Normality2: 0.03

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

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	PB122901BL		1	50	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	09/07/2019	19:05
2	PB122901BS	25	1	50	50	5.00	0.00	2.32	2.32	2.68	2.50	20.00	09/07/2019	19:08
3	K4726-01		1	50	50	5.00	0.00	4.62	4.62	0.38	0.20	1.60	09/07/2019	19:12
4	K4726-02		1	50	50	5.00	4.62	9.26	4.64	0.36	0.18	1.44	09/07/2019	19:15
5	K4726-03		1	50	50	5.00	0.00	4.60	4.60	0.40	0.22	1.76	09/07/2019	19:18
6	K4726-04		1	50	50	5.00	4.60	9.14	4.54	0.46	0.28	2.24	09/07/2019	19:22
7	K4726-05		1	50	50	5.00	0.00	4.72	4.72	0.28	0.10	0.80	09/07/2019	19:25
8	K4726-05DUP		1	50	50	5.00	4.72	9.44	4.72	0.28	0.10	0.80	09/07/2019	19:28
9	K4726-06	25	1	50	50	5.00	0.00	3.02	3.02	1.98	1.80	14.40	09/07/2019	19:32
10	K4726-07	25	1	50	50	5.00	3.02	6.06	3.04	1.96	1.78	14.24	09/07/2019	19:35
11	K4726-08		1	50	50	5.00	0.00	4.52	4.52	0.48	0.30	2.40	09/07/2019	19:38

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

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12	K4726-09		1	50	50	5.00	4.52	9.16	4.64	0.36	0.18	1.44	09/07/2019	19:40

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : SF9619 WorkList ID : 130679 Department : Wet-Chemistry Date : 09-06-2019 15:30:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/11/2019	Water	K4726-01	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LITTLETON-ER1	09/04/2019	9034
09/11/2019	Water	K4726-02	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LIPW001	09/04/2019	9034
09/11/2019	Water	K4726-03	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LIMW08	09/04/2019	9034
09/11/2019	Water	K4726-04	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LIMW08-9001	09/04/2019	9034
09/11/2019	Water	K4726-05	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LIMW09R	09/04/2019	9034
09/11/2019	Water	K4726-06	C Sulfide	Zinc acetate an	SHAW27	L31	K4726-05MS	09/04/2019	9034
09/11/2019	Water	K4726-07	C Sulfide	Zinc acetate an	SHAW27	L31	K4726-05MSD	09/04/2019	9034
09/11/2019	Water	K4726-08	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LIMW-12	09/04/2019	9034
09/11/2019	Water	K4726-09	C Sulfide	Zinc acetate an	SHAW27	L31	SP-19-LIMW07RR	09/04/2019	9034

Date/Time 09/07/19 16:00
 Received by: KS
 Relinquished by: KS

Date/Time 09/07/19 17:05
 Received by: KS
 Relinquished by: KS