



## Environmental and Laboratory Services

90 ½ West Blackwell St., Dover, New Jersey 07801

(973) 989-0010 P, (973) 989-0156 F

## Analytical Results

Date: December 5, 2017  
Client: iLearn Schools, Inc.  
Address: 465 Boulevard  
Elmwood Park, NJ 07407

**Project:** Passaic Arts & Science Charter School (Clifton Campus)

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-1  
Sample location: Field Blank  
Sampled by: D. Diaz / D. Pineda  
Sample date: 11/18/17  
Time: 08:10  
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	11/29/17	22:21	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-2  
Sample location: WC by Restrooms  
Sampled by: D. Diaz / D. Pineda  
Sample date: 11/18/17  
Time: 08:15  
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	11/29/17	22:27	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-3  
Sample location: Room 1-7 Sink  
Sampled by: D. Diaz / D. Pineda  
Sample date: 11/18/17  
Time: 08:20  
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.88 µg/L	15 µg/L	11/29/17	22:33	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-4  
Sample location: Room 1-8 Sink  
Sampled by: D. Diaz / D. Pineda  
Sample date: 11/18/17  
Time: 08:24  
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.23 µg/L	15 µg/L	11/29/17	22:39	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-5  
 Sample location: Room 1-9 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:29  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.55 µg/L	15 µg/L	11/29/17	22:45	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-6  
 Sample location: Room 1-10 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:33  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.24 µg/L	15 µg/L	11/29/17	22:51	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-7  
 Sample location: Room 1-11 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:36  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.48 µg/L	15 µg/L	11/29/17	23:03	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-8  
 Sample location: Room 1-12 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:39  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.34 µg/L	15 µg/L	11/29/17	23:09	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-9  
 Sample location: Room 1-13 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:41  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.27 µg/L	15 µg/L	11/29/17	23:15	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-10  
 Sample location: WC by Room 1-14  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:44  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	11/29/17	23:21	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-11  
 Sample location: Room 1-14 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:46  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.31 µg/L	15 µg/L	11/29/17	23:27	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-12  
 Sample location: Room 1-15 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 08:49  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.20 µg/L	15 µg/L	11/29/17	23:33	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-13  
 Sample location: Kitchen Window 3 Bay  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:04  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead (*)	SM3113B	<2.00 µg/L	15 µg/L	11/29/17	23:39	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-14  
 Sample location: Kitchen Wall 3-Bay 1  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:06  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.40 µg/L	15 µg/L	11/29/17	23:45	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-15  
 Sample location: Kitchen Wall 3-Bay 2  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:08  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.78 µg/L	15 µg/L	11/29/17	23:51	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-16  
 Sample location: Kitchen Food Prep  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:10  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	11/29/17	23:57	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-17  
 Sample location: Kitchen Hose by Stove  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:12  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	29.1 µg/L	15 µg/L	11/30/17	00:25	2	4.00 µg/L

Sample description: Drinking Water / Flushed / DWS7094-17A  
 Sample location: Kitchen Hose by Stove  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:13  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	5 µg/L	11/30/17	17:52	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-18  
 Sample location: Room 2-24 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:16  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	15.5 µg/L	15 µg/L	11/30/17	00:57	1	2.00 µg/L

Sample description: Drinking Water / Flushed / DWS7094-18A  
 Sample location: Room 2-24 Sink  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:17  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	5 µg/L	11/30/17	17:58	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS7094-19  
 Sample location: WC by IT Desk Upstairs  
 Sampled by: D. Diaz / D. Pineda  
 Sample date: 11/18/17  
 Time: 09:19  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	11/30/17	01:03	1	2.00 µg/L

µg/L = micrograms per liter

Field Notes: (\*) DWS7094-13: Water used before sampling

All testing was done within the required holding time.

I certify that these samples were analyzed in accordance with procedures approved by the New Jersey Department of Environmental Protection.

Susanne Young (For SV)  
Susan Van Veen, Lab Manager  
NJ Laboratory Certification ID # 14013

December 6, 2017  
Date

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Customer Name: Passaic Arts and Sciences Charter School  
 Address: Clifton Campus  
 43 Clifton Ave  
 Clifton NJ 07011  
 Phone: \_\_\_\_\_  
 Work: 8am

report to: Recep Arslan  
 347-523-1659  
farslan@learnschools.org

Agra Environmental Services  
 90½ West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

Matrix Abbreviations: **D** - Drinking Water **G** - Groundwater **W** - Wastewater **S** - Soil **SL** - Sludge **P** - Pool **L** - Lake

Project: \_\_\_\_\_ PWSID# NJ \_\_\_\_\_ for laboratory use of \_\_\_\_\_

Field ID	Lab ID	Date	Time	Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED
Field Blank	<u>1</u>	<u>11/18/17</u>	<u>0816</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	<u>1st Draw PBCU &lt; 2 ug/L</u> 11/29/17 <u>2221</u> <u>GR</u>
WC by Restrooms	<u>2</u>		<u>0815</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	<u>1st Draw PBCU &lt; 2 ug/L</u> <u>2227</u>
WC by Restrooms	<u>2a</u>	<u>0830</u>	<u>0820</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	<u>30-sec Flush PBCU 15 Min Flush</u>
Room 1-7 Sink	<u>3</u>		<u>0820</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	<u>1st Draw PBCU 6.88 ug/L</u> <u>2233</u>
Room 1-7 Sink	<u>3a</u>		<u>0821</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	
Room 1-8 Sink	<u>4</u>		<u>0824</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	<u>1st Draw PBCU 4.23 ug/L</u> <u>2239</u>
Room 1-8 Sink	<u>4a</u>		<u>0825</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	
Room 1-9 Sink	<u>5</u>		<u>0829</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	<u>1st Draw PBCU 4.55 ug/L</u> <u>2245</u>
Room 1-9 Sink	<u>5a</u>		<u>0830</u>	<input checked="" type="checkbox"/>		D	<u>1</u>	NHO3	

State Forms Needed (circle one): Yes or No

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):  
 Standard  NJ Reduced  Other (Specify) \_\_\_\_\_

Cooler Temperature Upon Receipt at lab: N/A

Sample Custody Exchanges (Please use full legal signature)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
<u>[Signature]</u>	<u>11/18/17</u>	<u>1724</u>	<u>[Signature]</u>	<u>11/18/17</u>	<u>0920</u>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Scanned \_\_\_\_\_

Date Faxed \_\_\_\_\_  
 Invoice Number \_\_\_\_\_  
 Is sample known to be hazardous? (circle one)  
 Yes or No

# Asc./HCl Vials pH: \_\_\_\_\_  
 # HCl Vials pH: \_\_\_\_\_  
 # Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Cl<sub>2</sub>: \_\_\_\_\_  
 # HNO<sub>3</sub> 250ml pH: < 2  
 # H<sub>2</sub>SO<sub>4</sub> pH: \_\_\_\_\_  
 # NaOH pH: \_\_\_\_\_  
 # unpreserved  
 # other  
 # other

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Customer Name: Passaic Arts and Sciences Charter School  
 Address: Clifton Campus  
 43 Clifton Ave  
 Clifton NJ 07011  
 Phone: \_\_\_\_\_  
 Work: \_\_\_\_\_

report to:  
 Recep Arslan  
 347-523-1659  
 farslan@learnschools.org

Agra Environmental Services  
 90 1/2 West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

Matrix Abbreviations: D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake  
 Project: \_\_\_\_\_ for laboratory use o

Field ID	Date	Time	Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED	
								1st Draw PBCU	30 sec Flush PBCU
Room 1-10 Sink	11/18/17	0833	X		D	1	NHO3	2.24 ug/L	11/29/17 2251
Room 1-10 Sink		0834	X		D	1	NHO3		
Room 1-11 Sink		0836	X		D	1	NHO3	2.48 ug/L	2303
Room 1-11 Sink		0837	X		D	1	NHO3		
Room 1-12 Sink		0839	X		D	1	NHO3	2.34 ug/L	2309
Room 1-12 Sink		0840	X		D	1	NHO3		
Room 1-13 Sink		0844	X		D	1	NHO3	5.27 ug/L	2315
Room 1-13 Sink		0847	X		D	1	NHO3		
WC by Room 1-14		0844	X		D	1	NHO3	< 2 ug/L	2321
WC by Room 1-14		0859	X		D	1	NHO3	15 Min Flush	

State Forms Needed (circle one): Yes or No  
 indicate laboratory location where analysis requested was performed  
 NJDEP Laboratory Certification (Dover, NJ) #14013  
 NJDEP Laboratory Certification (Marlboro, NJ) #13033  
 Reporting Requirements (Check Box):  
 Standard  NJ Reduced  Other (Specify) \_\_\_\_\_  
 Cooler Temperature Upon Receipt at lab: \_\_\_\_\_

Sample Custody Exchanges (Please use full legal signature)		Scanned	
Relinquished By:	Received By:	Date:	Time:
<i>[Signature]</i>	<i>[Signature]</i>	11/29/17	09:20
Relinquished By:	Received By:	Date:	Time:
Relinquished By:	Received By:	Date:	Time:
Relinquished By:	Received By:	Date:	Time:

Date Faxed \_\_\_\_\_  
 Invoice Number \_\_\_\_\_  
 Is sample known to be hazardous? (circle one)  
 Yes or No

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Customer Name: Passaic Arts and Sciences Charter School  
 Address: Clifton Campus  
 43 Clifton Ave  
 Clifton NJ 07011  
 Phone: \_\_\_\_\_  
 Work: \_\_\_\_\_

report to: **Recep Arslan**  
 347-523-1659  
 farslan@learnschools.org

**Agra Environmental Services**  
 90½ West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

Matrix Abbreviations: **D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake**

Project: \_\_\_\_\_ for laboratory use only

Field ID	Date	Time	Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED	
								1st Draw PBCU	30 sec Flush
Room 1-14 Sink	11/18/17	0846	X		D	1	NHO3	2.31 µg/L	11/29/17 2327 5M
Room 1-14 Sink		0847	X		D	1	NHO3		
Room 1-15 Sink		0849	X		D	1	NHO3	4.20 µg/L	2333
Room 1-15 Sink		0850	X		D	1	NHO3		
Kitchen Window 3-Bay		0904	X		D	1	NHO3	Water used before sampling	2339 5M
Kitchen Window 3-Bay		0905	X		D	1	NHO3		
Kitchen Wall 3-Bay 1		0906	X		D	1	NHO3	5.40 µg/L	2345 5M
Kitchen Wall 3-Bay 1		0907	X		D	1	NHO3		
Kitchen Wall 3-Bay 2		0908	X		D	1	NHO3	2.78 µg/L	2351
Kitchen Wall 3-Bay 2		0909	X		D	1	NHO3		

State Forms Needed (circle one): Yes or No

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

indicate laboratory location where analysis requested was performed

Cooler Temperature Upon Receipt at lab: \_\_\_\_\_

Reporting Requirements (Check Box):

Standard

NJ Reduced

Other (Specify)

**Sample Custody Exchanges (Please use full legal signature)**

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Scanned
<i>Recep Arslan</i>	11/18/17	1429	<i>Recep Arslan</i>	11/20/17	0920	

Date Faxed: \_\_\_\_\_  
 Invoice Number: \_\_\_\_\_  
 Is sample known to be hazardous? (circle one)  
 Yes or No



# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Customer Name: Passaic Arts and Sciences Charter School  
 Address: Clifton Campus  
 43 Clifton Ave  
 Clifton NJ 07011  
 Phone: \_\_\_\_\_  
 Work: \_\_\_\_\_

report to: **Recep Arslan**  
 347-523-1659  
 farslan@jeffersonschools.org

**Agra Environmental Services**  
 90 1/2 West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

**Matrix Abbreviations:** D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake

Project: \_\_\_\_\_ PWSID# NJ \_\_\_\_\_ for laboratory use only

Field ID	Lab ID	Date	Time	Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED
Kitchen Food Prep	-16	11/18/17	0910	X		D	1	NHO3	1st Draw PBCU <2 ug/L 11/29/17 2.357 B7
Kitchen Food Prep	-16a		0911	X		D	1	NHO3	30 sec Flush
Kitchen Hose By Stove	-17		0912	X		D	1	NHO3	1st Draw PBCU 29.1 ug/L 11/30/17 0025
Kitchen Hose By Stove	-17a		0913	X		D	1	NHO3	30 sec Flush <2 ug/L 11/30/17 1752 B7
Room 2-24 Sink	-18		0916	X		D	1	NHO3	1st Draw PBCU 15.5 ug/L 0057
Room 2-24 Sink	-18a		0917	X		D	1	NHO3	30 sec Flush <2 ug/L 11/30/17 1758 B7
WC by IT Desk Upstairs	-19		0919	X		D	1	NHO3	1st Draw PBCU <2 ug/L 0103
WC by IT Desk Upstairs	-19a		0920	X		D	1	NHO3	30 sec Flush 15 MIN
				X		D	1	NHO3	
				X		D	1	NHO3	

State Forms Needed (circle one): Yes or No

indicate laboratory location where analysis requested was performed

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):

Standard \_\_\_\_\_ NJ Reduced \_\_\_\_\_ Other (Specify) \_\_\_\_\_

Cooler Temperature Upon Receipt at lab: \_\_\_\_\_

**Sample Custody Exchanges (Please use full legal signature)**

Relinquished By: William King Date: 11/18/17 Time: 1424 Received By: [Signature] Date: 11/20/17 Time: 0920

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Scanned \_\_\_\_\_

Date Faxed \_\_\_\_\_ Invoice Number \_\_\_\_\_

Is sample known to be hazardous? (circle one) Yes or No

- # Asc./HCl Vials pH: \_\_\_\_\_
- # HCl Vials pH: \_\_\_\_\_
- # Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> C<sub>12</sub>: \_\_\_\_\_
- # HNO<sub>3</sub> 30mL pH: 2
- # H<sub>2</sub>SO<sub>4</sub> pH: \_\_\_\_\_
- # NaOH pH: \_\_\_\_\_
- # unpreserved
- # other
- # other