LB107932

Test results | Aquakem 7.2AQ1 | Page: 1

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : DK Instrument ID : Konelab

2/24/2020 13:43

Test: Ammonia-N mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.974	0.0	0.218	
ICB1	0.033	0.0	0.035	
CCV1	0.948	0.0	0.213	
CCB1	0.036	0.0	0.036	
PB126967BL	0.034	0.0	0.035	
PB126967BS	1.019	0.0	0.227	
L1596-01	1.106	0.0	0.244	
L1596-01MS	2.011	0.0	0.420	Test limit high
L1596-01MSD	1.958	0.0	0.410	
DOC-SOLID-01	0.986	0.0	0.221	
CCV2	0.954	0.0	0.214	
CCB2	0.039	0.0	0.036	
DOC-SOLID-02	0.991	0.0	0.222	
DOC-SOLID-03	0.979	0.0	0.219	
DOC-SOLID-04	0.950	0.0	0.214	
PB127017BL	0.033	0.0	0.035	
PB127017BS	0.974	0.0	0.218	
L1647-01	2.713	0.0	0.557	Test limit high
L1647-01DUP	2.911	0.0	0.595	Test limit high
L1647-01MS	3.734	0.0	0.755	Test limit high
L1647-01MSD	3.747	0.0	0.758	Test limit high
CCV3	0.950	0.0	0.214	
CCB3	0.045	0.0	0.037	
DOC-WATER-01	0.874	0.0	0.199	
DOC-WATER-02	0.883	0.0	0.201	
DOC-WATER-03	0.906	0.0	0.205	
DOC-WATER-04	0.902	0.0	0.204	
CCV5	0.929	0.0	0.210	
CCB5	0.037	0.0	0.036	
L1596-01DUP	1.126	0.0	0.248	
L1647-01DLX2	1.413	0.0	0.304	
L1647-01DUPDLX2	1.434	0.0	0.308	
L1647-01MSDLX2	1.768	0.0	0.373	
L1647-01MSDDLX2	1.893	0.0	0.397	
CCV6	0.923	0.0	0.208	
CCB6	0.037	0.0	0.036	

N	36
Mean	1.146
SD	0.9569
CV%	83.51

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Aquakem v. 7.2AQ1
Results from time period:
Mon Feb 24 09:54:25 2020
Mon Feb 24 13:30:08 2020

DK

Sample Id	Sam/Ctr/c	Test short nam	Test type	Result	Result unit	Result date and time
0.1PPM	A	Ammonia-N	P	0.1198	mg/l	2/24/2020 11:31:50
0.2PPM	A	Ammonia-N	P	0.2156	mg/l	2/24/2020 11:31:51
0.4PPM	A	Ammonia-N	P	0.3919	mg/l	2/24/2020 11:31:52
1.0PPM	A	Ammonia-N	P	0.9839	mg/l	2/24/2020 11:31:53
1.3PPM	A	Ammonia-N	P	1.2784	mg/l	2/24/2020 11:31:54
2.0PPM	A	Ammonia-N	P	2.0438	mg/l	2/24/2020 11:31:55
ICV1	S	Ammonia-N	P	0.974	mg/l	2/24/2020 12:37:34
ICB1	S	Ammonia-N	P	0.033	mg/l	2/24/2020 12:37:35
CCV1	S	Ammonia-N	P	0.9482	mg/l	2/24/2020 12:37:36
CCB1	S	Ammonia-N	P	0.0361	mg/l	2/24/2020 12:37:37
PB126967BL	S	Ammonia-N	P	0.0338	mg/l	2/24/2020 12:37:38
PB126967BS	S	Ammonia-N	P	1.0185	mg/l	2/24/2020 12:37:39
L1596-01	S	Ammonia-N	P	1.1059	mg/l	2/24/2020 12:37:40
L1596-01MS	S	Ammonia-N	P	2.0112	mg/l	2/24/2020 12:37:43
L1596-01MSD	S	Ammonia-N	P	1.958	mg/l	2/24/2020 12:37:44
DOC-SOLID-01	S	Ammonia-N	P	0.9859	mg/l	2/24/2020 12:48:19
CCV2	S	Ammonia-N	P	0.9544	mg/l	2/24/2020 12:48:20
CCB2	S	Ammonia-N	P	0.0386	mg/l	2/24/2020 12:48:21
DOC-SOLID-02	S	Ammonia-N	P	0.9914	mg/l	2/24/2020 12:48:22
DOC-SOLID-03	S	Ammonia-N	P	0.979	mg/l	2/24/2020 12:48:23
DOC-SOLID-04	S	Ammonia-N	P	0.9496	mg/l	2/24/2020 12:48:24
PB127017BL	S	Ammonia-N	P	0.0331	mg/l	2/24/2020 12:48:25
PB127017BS	S	Ammonia-N	P	0.9745	mg/l	2/24/2020 12:48:26
L1647-01	S	Ammonia-N	P	2.7125	mg/l	2/24/2020 12:48:27
L1647-01DUP	S	Ammonia-N	P	2.9111	mg/l	2/24/2020 12:48:28
L1647-01MS	S	Ammonia-N	P	3.7337	mg/l	2/24/2020 12:59:00
L1647-01MSD	S	Ammonia-N	P	3.7466	mg/l	2/24/2020 12:59:01
CCV3	S	Ammonia-N	P	0.9496	mg/l	2/24/2020 12:59:02
CCB3	S	Ammonia-N	P	0.0445	mg/l	2/24/2020 12:59:03
DOC-WATER-01	S	Ammonia-N	P	0.8741	mg/l	2/24/2020 12:59:06
DOC-WATER-02	S	Ammonia-N	P	0.8833	mg/l	2/24/2020 12:59:07
DOC-WATER-03	S	Ammonia-N	P	0.9062	mg/l	2/24/2020 12:59:08
DOC-WATER-04	S	Ammonia-N	P	0.902	mg/l	2/24/2020 12:59:09
CCV5	S	Ammonia-N	P	0.9294	mg/l	2/24/2020 12:59:10
CCB5	S	Ammonia-N	P	0.0367	mg/l	2/24/2020 12:59:11
L1596-01DUP	S	Ammonia-N	P	1.1259	mg/l	2/24/2020 13:30:02
L1647-01DLX2	S	Ammonia-N	P	1.4125	mg/l	2/24/2020 13:30:03
L1647-01DUPDLX2	S	Ammonia-N	P	1.4339	mg/l	2/24/2020 13:30:04
L1647-01MSDLX2	S	Ammonia-N	P	1.7681	mg/l	2/24/2020 13:30:05
L1647-01MSDDLX2	S	Ammonia-N	P	1.8932	mg/l	2/24/2020 13:30:06
CCV6	S	Ammonia-N	P	0.9232	mg/l	2/24/2020 13:30:07
CCB6	S	Ammonia-N	P	0.0374	mg/l	2/24/2020 13:30:08

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Calibration results | Aquakem 7.2AQ1 | Page: 1

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : DL

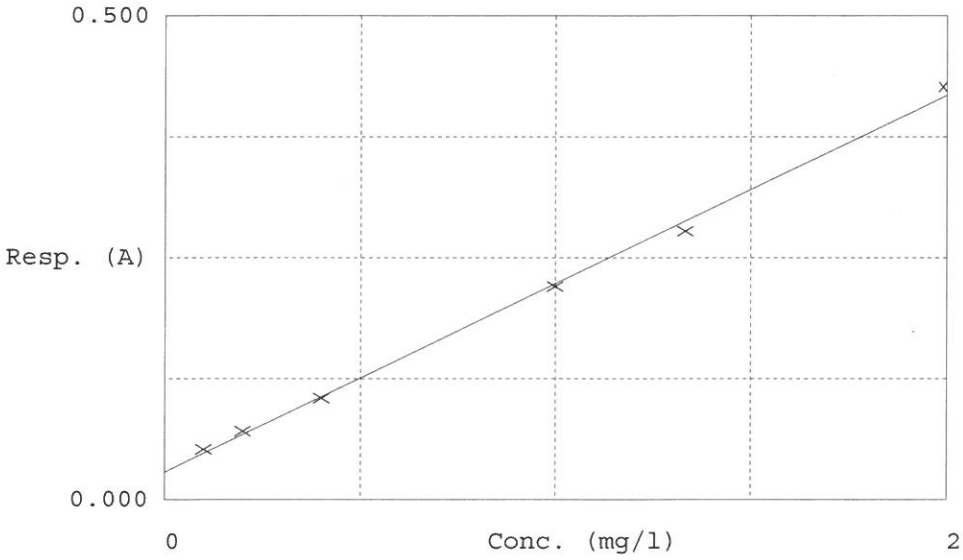
Instrument ID : Konelab

2/24/2020 11:35

Test Ammonia-N

Accepted	2/24/2020	11:35
Factor	5.138	
Bias	0.029	
Coeff. of det.	0.997870	

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	NH3-2PPM	0.052	0.1198	0.1000	
2	NH3-2PPM	0.071	0.2156	0.2000	
3	NH3-2PPM	0.105	0.3919	0.4000	
4	NH3-2PPM	0.220	0.9839	1.0000	
5	NH3-2PPM	0.278	1.2784	1.3333	
6	NH3-2PPM	0.426	2.0438	2.0000	