

LB129942

Test results

Aquakem 7.2AQ1

Page:

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

3/19/2024 12:29

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.806	0.0	0.899	
ICB1	0.046	0.0	0.027	
CCV1	4.807	0.0	0.899	
CCB1	0.052	0.0	0.028	
RL CHECK	0.484	0.0	0.107	
PB159614BL	0.043	0.0	0.026	
PB159614BS	4.832	0.0	0.903	
P1747-03	1.025	0.0	0.206	
P1747-03DUP	1.032	0.0	0.207	
P1747-03MS	5.885	0.0	1.096	
P1747-03MSD	5.922	0.0	1.103	
P1775-01	0.330	0.0	0.079	
P1788-01	15.190	0.0	2.801	
P1788-02	2.413	0.0	0.460	Init abs., Test limit hig
CCV2	4.945	0.0	0.924	
CCB2	0.062	0.0	0.030	
P1788-01DLX2	7.907	0.0	1.467	
CCV3	4.962	0.0	0.927	
CCB3	0.015	0.0	0.021	

97% (50-150) 12
3/19/24

N 19
Mean 3.408
SD 3.8671
CV% 113.46

Aquakem v. 7.2AQ1

Results from time period:

Tue Mar 19 10:19:22 2024

Tue Mar 19 12:26:02 2024

Sample Id	Sam/Ctr/cA	Test short n	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1345	mg/l	3/19/2024 10:19:22	
0.5PPM	A	TKN-NH3	P	0.4788	mg/l	3/19/2024 10:19:23	
1.0PPM	A	TKN-NH3	P	0.9701	mg/l	3/19/2024 10:19:24	
2.5PPM	A	TKN-NH3	P	2.47	mg/l	3/19/2024 10:19:25	
5.0PPM	A	TKN-NH3	P	4.9125	mg/l	3/19/2024 10:19:26	
6.7PPM	A	TKN-NH3	P	6.6032	mg/l	3/19/2024 10:19:27	
10.0PPM	A	TKN-NH3	P	10.0976	mg/l	3/19/2024 10:19:28	
ICV1	S	TKN-NH3	P	4.8056	mg/l	3/19/2024 11:15:39	
ICB1	S	TKN-NH3	P	0.0464	mg/l	3/19/2024 11:15:41	
CCV1	S	TKN-NH3	P	4.807	mg/l	3/19/2024 11:15:43	
CCB1	S	TKN-NH3	P	0.0518	mg/l	3/19/2024 11:15:45	
RL CHECK	S	TKN-NH3	P	0.4837	mg/l	3/19/2024 11:15:48	
PB159614BL	S	TKN-NH3	P	0.043	mg/l	3/19/2024 11:15:49	
PB159614BS	S	TKN-NH3	P	4.8321	mg/l	3/19/2024 11:26:21	
P1747-03	S	TKN-NH3	P	1.0248	mg/l	3/19/2024 11:26:23	
P1747-03DUP	S	TKN-NH3	P	1.0323	mg/l	3/19/2024 11:26:25	
P1747-03MS	S	TKN-NH3	P	5.8849	mg/l	3/19/2024 11:26:27	
P1747-03MSD	S	TKN-NH3	P	5.922	mg/l	3/19/2024 11:26:29	
P1775-01	S	TKN-NH3	P	0.3296	mg/l	3/19/2024 11:35:22	
P1788-01	S	TKN-NH3	P	15.1904	mg/l	3/19/2024 11:35:23	
P1788-02	S	TKN-NH3	P	2.4127	mg/l	3/19/2024 11:35:24	
CCV2	S	TKN-NH3	P	4.9445	mg/l	3/19/2024 11:35:25	
CCB2	S	TKN-NH3	P	0.0616	mg/l	3/19/2024 11:35:26	
P1788-01DLX2	S	TKN-NH3	P	7.907	mg/l	3/19/2024 12:25:56	
CCV3	S	TKN-NH3	P	4.9621	mg/l	3/19/2024 12:25:59	
CCB3	S	TKN-NH3	P	0.0153	mg/l	3/19/2024 12:26:02	

Calibration results

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3/19/2024 10:27

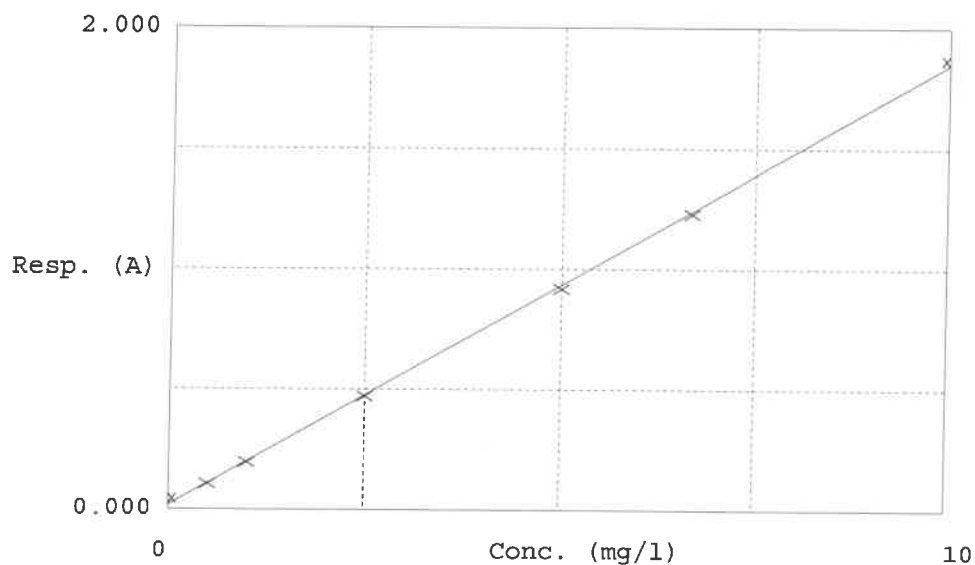
Test TKN-NH3

Accepted 3/19/2024 10:27

Factor 5.459
Bias 0.018

Coeff. of det. 0.999498

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.043	0.1345	0.0000	-
2	TKN-10	0.106	0.4788	0.5000	-4.2
3	TKN-10	0.196	0.9701	1.0000	-3.0
4	TKN-10	0.471	2.4700	2.5000	-1.2
5	TKN-10	0.918	4.9125	5.0000	-1.8
6	TKN-10	1.228	6.6032	6.6667	-1.4
7	TKN-10	1.868	10.0976	10.0000	1.0

12
3/19/24