

LB122551

Test results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : 12

Instrument ID : Konelab

10/20/2022 16:42

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.945	0.0	0.826	
ICB1	0.012	0.0	0.016	
CCV1	5.080	0.0	0.848	
CCB1	0.005	0.0	0.015	
PB148442BL	0.004	0.0	0.015	
PB148442BS	4.858	0.0	0.812	
N4955-01	0.242	0.0	0.054	
N4955-02	0.466	0.0	0.091	
PB148434BL	0.006	0.0	0.015	
PB148434BS	5.295	0.0	0.883	
N4955-07	0.238	0.0	0.053	
N4955-08	0.481	0.0	0.093	
N5122-01	23.235	0.0	3.829	Init abs., Test limit hig
CCV2	5.182	0.0	0.865	
CCB2	0.298	0.0	0.063	
N5125-01	60.981	0.0	10.027	Abs. high, Init abs., Tes
N5133-03	2.504	0.0	0.425	
N5133-03DUP	2.283	0.0	0.389	
N5133-03MS	7.421	0.0	1.232	
N5133-03MSD	7.008	0.0	1.165	
CCV3	5.291	0.0	0.883	
CCB3	0.005	0.0	0.015	
N4788-13	11.698	0.0	1.935	Test limit high
N5122-01DLX5	6.683	0.0	1.111	
N5125-01DLX10	29.859	0.0	4.917	Init abs., Test limit hig
CCV4	4.982	0.0	0.832	
CCB4	0.019	0.0	0.017	
N5125-01DL2X50	4.722	0.0	0.789	
N4788-13DLX2	6.373	0.0	1.060	
CCV5	5.187	0.0	0.866	
CCB5	0.010	0.0	0.016	
N	31			
Mean	6.625			
SD	12.0537			
CV%	181.94			

Aquakem v. 7.2AQ1

Results from time period:

Thu Oct 20 11:53:22 2022

Thu Oct 20 16:40:20 2022

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPM	A	TKN-NH3	P	0.0541	mg/l	10/20/2022 11:53:22
0.5PPM	A	TKN-NH3	P	0.4573	mg/l	10/20/2022 11:53:23
1.0PPM	A	TKN-NH3	P	0.9581	mg/l	10/20/2022 11:53:24
2.5PPM	A	TKN-NH3	P	2.4721	mg/l	10/20/2022 11:53:25
5.0PPM	A	TKN-NH3	P	5.1131	mg/l	10/20/2022 11:53:26
6.7PPM	A	TKN-NH3	P	6.6321	mg/l	10/20/2022 11:53:27
10.0PPM	A	TKN-NH3	P	9.9798	mg/l	10/20/2022 11:53:28
ICV1	S	TKN-NH3	P	4.9446	mg/l	10/20/2022 14:41:34
ICB1	S	TKN-NH3	P	0.0122	mg/l	10/20/2022 14:41:36
CCV1	S	TKN-NH3	P	5.0796	mg/l	10/20/2022 14:41:38
CCB1	S	TKN-NH3	P	0.0052	mg/l	10/20/2022 14:41:40
PB148442BL	S	TKN-NH3	P	0.0045	mg/l	10/20/2022 14:41:42
PB148442BS	S	TKN-NH3	P	4.8578	mg/l	10/20/2022 14:41:44
N4955-01	S	TKN-NH3	P	0.2418	mg/l	10/20/2022 14:52:18
N4955-02	S	TKN-NH3	P	0.4663	mg/l	10/20/2022 14:52:20
PB148434BL	S	TKN-NH3	P	0.006	mg/l	10/20/2022 14:52:22
PB148434BS	S	TKN-NH3	P	5.2952	mg/l	10/20/2022 14:52:23
N4955-07	S	TKN-NH3	P	0.2381	mg/l	10/20/2022 14:52:28
N4955-08	S	TKN-NH3	P	0.4808	mg/l	10/20/2022 15:02:59
N5122-01	S	TKN-NH3	P	23.2351	mg/l	10/20/2022 15:03:02
CCV2	S	TKN-NH3	P	5.1823	mg/l	10/20/2022 15:03:03
CCB2	S	TKN-NH3	P	0.2984	mg/l	10/20/2022 15:03:04
N5125-01	S	TKN-NH3	P	60.9811	mg/l	10/20/2022 15:03:05
N5133-03	S	TKN-NH3	P	2.5036	mg/l	10/20/2022 15:03:06
N5133-03DUP	S	TKN-NH3	P	2.2825	mg/l	10/20/2022 15:03:07
N5133-03MS	S	TKN-NH3	P	7.4206	mg/l	10/20/2022 15:03:08
N5133-03MSD	S	TKN-NH3	P	7.0083	mg/l	10/20/2022 15:03:09
CCV3	S	TKN-NH3	P	5.2914	mg/l	10/20/2022 15:07:52
CCB3	S	TKN-NH3	P	0.0053	mg/l	10/20/2022 15:07:53
N4788-13	S	TKN-NH3	P	11.6977	mg/l	10/20/2022 15:42:53
N5122-01DLX5	S	TKN-NH3	P	6.6831	mg/l	10/20/2022 15:42:54
N5125-01DLX10	S	TKN-NH3	P	29.8591	mg/l	10/20/2022 15:42:55
CCV4	S	TKN-NH3	P	4.9816	mg/l	10/20/2022 15:42:57
CCB4	S	TKN-NH3	P	0.0194	mg/l	10/20/2022 15:42:58
N5125-01DL2X50	S	TKN-NH3	P	4.7221	mg/l	10/20/2022 16:40:16
N4788-13DLX2	S	TKN-NH3	P	6.3729	mg/l	10/20/2022 16:40:18
CCV5	S	TKN-NH3	P	5.1866	mg/l	10/20/2022 16:40:19
CCB5	S	TKN-NH3	P	0.0096	mg/l	10/20/2022 16:40:20

Calibration results

Aquakem 7.2AQ1

Page: 1

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

10/20/2022 11:53

Reviewed by : 12

Instrument ID : Konelab

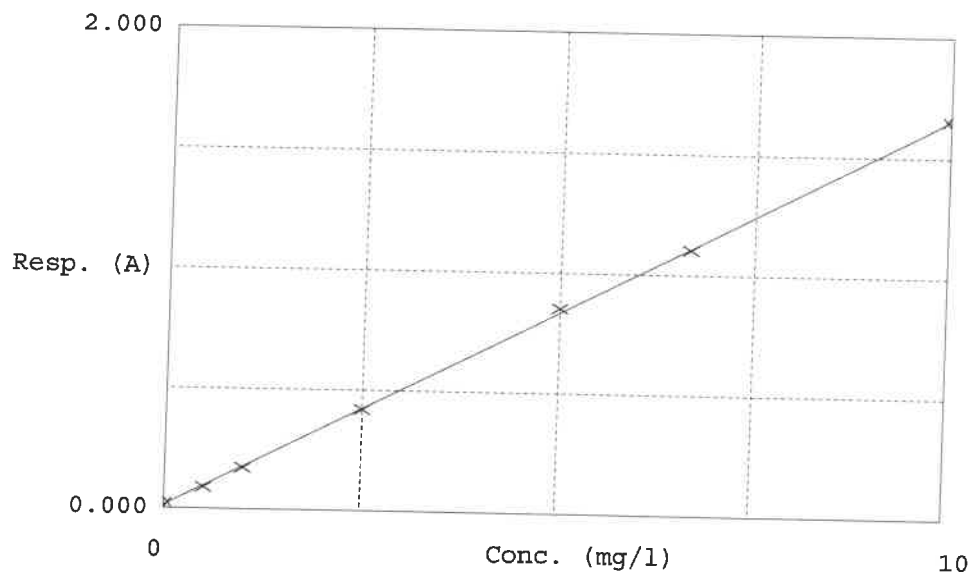
Test TKN-NH3

Accepted 10/20/2022 11:53

Factor 6.09
Bias 0.014

Coeff. of det. 0.999738

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.023	0.0541	0.0000	
2	TKN-10	0.089	0.4573	0.5000	-8.5
3	TKN-10	0.171	0.9581	1.0000	-4.2
4	TKN-10	0.420	2.4721	2.5000	-1.1
5	TKN-10	0.854	5.1131	5.0000	2.3
6	TKN-10	1.103	6.6321	6.6667	-1.0
7	TKN-10	1.653	9.9798	10.0000	-0.2

12

10/20