

LIB128353

Test results

Aquakem 7.2AQ1

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

Reviewed by : 12

Instrument ID : Konelab

11/16/2023 16:43

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.988	0.0	1.020	
ICB1	0.105	0.0	0.030	
CCV1	5.096	0.0	1.042	
CCB1	0.100	0.0	0.029	
RL CHECK	0.535	0.0	0.118	
PB157151BL	0.078	0.0	0.025	
PB157151BS	4.988	0.0	1.020	
O5310-01	35.064	0.0	7.114	
O5310-01DUP	35.606	0.0	7.223	Abs. high, Init abs., Tes
O5310-01MS	34.727	0.0	7.045	Abs. high, Init abs., Tes
O5310-01MSD	34.510	0.0	7.001	Abs. high, Init abs., Tes
CCV2	5.479	0.0	1.119	
CCB2	0.150	0.0	0.040	
O5310-01DLX5	30.734	0.0	6.236	
CCV3	5.175	0.0	1.058	Init abs., Test limit hig
CCB3	0.052	0.0	0.020	
O5310-01DL2X25	6.871	0.0	1.401	
CCV4	5.165	0.0	1.056	
CCB4	0.059	0.0	0.021	

107% (50-150) 12/11/16/23

N 19
Mean 11.025
SD 14.4065
CV% 130.67

Aquakem v. 7.2AQ1

Results from time period:

Thu Nov 16 15:09:41 2023

Thu Nov 16 16:42:48 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPM	A	TKN-NH3	P	0.0746	mg/l	11/16/2023 15:09:41
0.5PPM	A	TKN-NH3	P	0.5182	mg/l	11/16/2023 15:09:42
1.0PPM	A	TKN-NH3	P	1.0088	mg/l	11/16/2023 15:09:43
2.5PPM	A	TKN-NH3	P	2.5036	mg/l	11/16/2023 15:09:44
5.0PPM	A	TKN-NH3	P	4.9455	mg/l	11/16/2023 15:09:45
6.7PPM	A	TKN-NH3	P	6.4408	mg/l	11/16/2023 15:09:46
10.0PPM	A	TKN-NH3	P	10.1751	mg/l	11/16/2023 15:09:47
ICV1	S	TKN-NH3	P	4.9884	mg/l	11/16/2023 15:45:18
ICB1	S	TKN-NH3	P	0.1051	mg/l	11/16/2023 15:45:19
CCV1	S	TKN-NH3	P	5.0956	mg/l	11/16/2023 15:45:22
CCB1	S	TKN-NH3	P	0.1001	mg/l	11/16/2023 15:45:23
RL CHECK	S	TKN-NH3	P	0.5348	mg/l	11/16/2023 15:45:25
PB157151BL	S	TKN-NH3	P	0.0784	mg/l	11/16/2023 15:45:27
PB157151BS	S	TKN-NH3	P	4.9876	mg/l	11/16/2023 15:45:28
O5310-01	S	TKN-NH3	P	35.0643	mg/l	11/16/2023 15:54:16
O5310-01DUP	S	TKN-NH3	P	35.6057	mg/l	11/16/2023 15:54:17
O5310-01MS	S	TKN-NH3	P	34.7269	mg/l	11/16/2023 15:54:18
O5310-01MSD	S	TKN-NH3	P	34.5095	mg/l	11/16/2023 15:54:19
CCV2	S	TKN-NH3	P	5.4792	mg/l	11/16/2023 15:54:22
CCB2	S	TKN-NH3	P	0.1504	mg/l	11/16/2023 15:54:23
O5310-01DLX5	S	TKN-NH3	P	30.7335	mg/l	11/16/2023 16:17:37
CCV3	S	TKN-NH3	P	5.1755	mg/l	11/16/2023 16:17:39
CCB3	S	TKN-NH3	P	0.0523	mg/l	11/16/2023 16:17:40
O5310-01DL2X25	S	TKN-NH3	P	6.8706	mg/l	11/16/2023 16:42:41
CCV4	S	TKN-NH3	P	5.1649	mg/l	11/16/2023 16:42:46
CCB4	S	TKN-NH3	P	0.0585	mg/l	11/16/2023 16:42:48

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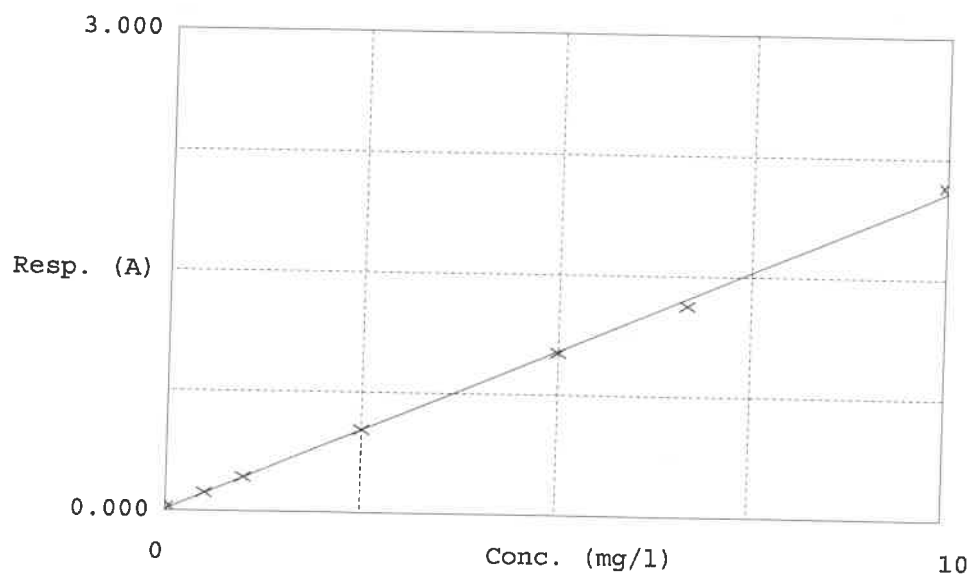
Test TKN-NH3

Accepted 11/16/2023 15:16

Factor 4.935
Bias 0.009

Coeff. of det. 0.998907

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.024	0.0746	0.0000	-
2	TKN-10	0.114	0.5182	0.5000	36
3	TKN-10	0.214	1.0088	1.0000	0.9
4	TKN-10	0.516	2.5036	2.5000	0.1
5	TKN-10	1.011	4.9455	5.0000	-1.1
6	TKN-10	1.314	6.4408	6.6667	-3.9
7	TKN-10	2.071	10.1751	10.0000	1.8

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11/16/23