

UB98007

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

10/23/2018 16:13

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.405	0.0	0.991	
ICB1	0.092	0.0	0.037	
CCV1	4.267	0.0	0.960	
CCB1	0.096	0.0	0.038	
PB114038BL	0.111	0.0	0.041	
PB114038BS	4.374	0.0	0.984	
J5569-01	45.368	0.0	10.052	Abs. high, Init abs., Tes
J5569-01DUP	45.369	0.0	10.053	Abs. high, Init abs., Tes
J5569-01MS	45.370	0.0	10.053	Abs. high, Init abs., Tes
J5569-01MSD	45.367	0.0	10.052	Abs. high, Init abs., Tes
J5569-02	4.895	0.0	1.099	
J5569-05	4.859	0.0	1.092	
J5569-06	0.420	0.0	0.110	
J5569-07	0.474	0.0	0.121	
CCV2	4.102	0.0	0.924	
CCB2	0.084	0.0	0.035	
J5569-08	0.481	0.0	0.123	
J5569-09	0.453	0.0	0.117	
J5569-13	0.464	0.0	0.119	
PB114039BL	0.097	0.0	0.038	
PB114039BS	4.528	0.0	1.018	
J5565-01	5.724	0.0	1.283	
J5565-02	8.883	0.0	1.982	
J5565-03	7.334	0.0	1.639	
CCV3	4.231	0.0	0.953	
CCB3	0.143	0.0	0.048	
J5565-04	14.699	0.0	3.268	Init abs., Test limit hig
J5565-07	21.848	0.0	4.850	Init abs., Test limit hig
J5565-08	17.522	0.0	3.893	Init abs., Test limit hig
J5569-12	5.820	0.0	1.304	
J5586-01	3.865	0.0	0.872	
J5565-05MS	45.365	0.0	10.052	Abs. high, Init abs., Tes
J5565-06MSD	45.359	0.0	10.050	Abs. high, Init abs., Tes
CCV4	4.436	0.0	0.998	
CCB4	0.101	0.0	0.039	
J5565-04DUP	14.587	0.0	3.243	Init abs., Test limit hig
J5569-01DLX10	4.527	0.0	1.018	
J5569-01DUPDLX10	4.661	0.0	1.048	
J5569-01MSDLX10	4.835	0.0	1.086	
J5569-01MSDDLX10	4.742	0.0	1.066	
J5565-04DLX2	7.403	0.0	1.654	
J5565-04DUPDLX2	7.014	0.0	1.568	
J5565-04MSDLX2	10.907	0.0	2.429	Test limit high
J5565-04MSDDLX2	10.644	0.0	2.371	Test limit high
CCV5	4.739	0.0	1.065	
CCB5	0.098	0.0	0.038	
J5565-07DLX5	4.901	0.0	1.101	
J5565-08DLX2	9.298	0.0	2.073	
CCV6	5.054	0.0	1.135	
CCB6	0.082	0.0	0.035	

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Test results

Aquakem 7.2AQ1

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284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : At

10/23/2018 16:13

Test: TKN-NH3

ngh

Sample Id Result Dil. 1 + Response Ô□,,

N 50
Mean 9.890
SD 14.0326
CV% 141.89

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 23 12:55:32 2018

Tue Oct 23 15:47:06 2018

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Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
TKN-10	A	TKN-NH3	P	0.5214	mg/l	10/23/2018 12:55:32	
TKN-10	A	TKN-NH3	P	0.995	mg/l	10/23/2018 12:55:33	
TKN-10	A	TKN-NH3	P	2.4928	mg/l	10/23/2018 12:55:34	
TKN-10	A	TKN-NH3	P	4.8862	mg/l	10/23/2018 12:55:35	
TKN-10	A	TKN-NH3	P	6.8062	mg/l	10/23/2018 12:55:36	
TKN-10	A	TKN-NH3	P	9.9651	mg/l	10/23/2018 12:55:37	
ICV1	S	TKN-NH3	P	4.405	mg/l	10/23/2018 13:40:30	
ICB1	S	TKN-NH3	P	0.0915	mg/l	10/23/2018 13:40:31	
CCV1	S	TKN-NH3	P	4.2667	mg/l	10/23/2018 13:40:32	
CCB1	S	TKN-NH3	P	0.0956	mg/l	10/23/2018 13:40:33	
PB114038BL	S	TKN-NH3	P	0.111	mg/l	10/23/2018 13:40:34	
PB114038BS	S	TKN-NH3	P	4.3742	mg/l	10/23/2018 13:40:35	
J5569-01	S	TKN-NH3	P	45.3679	mg/l	10/23/2018 13:40:36	
J5569-01DUP	S	TKN-NH3	P	45.3689	mg/l	10/23/2018 13:40:37	
J5569-01MS	S	TKN-NH3	P	45.3695	mg/l	10/23/2018 13:40:38	
J5569-01MSD	S	TKN-NH3	P	45.367	mg/l	10/23/2018 13:40:39	
J5569-02	S	TKN-NH3	P	4.8948	mg/l	10/23/2018 13:40:40	
J5569-05	S	TKN-NH3	P	4.8595	mg/l	10/23/2018 13:40:41	
J5569-06	S	TKN-NH3	P	0.4199	mg/l	10/23/2018 13:51:14	
J5569-07	S	TKN-NH3	P	0.4735	mg/l	10/23/2018 13:51:15	
CCV2	S	TKN-NH3	P	4.1021	mg/l	10/23/2018 13:51:16	
CCB2	S	TKN-NH3	P	0.0839	mg/l	10/23/2018 13:51:17	
J5569-08	S	TKN-NH3	P	0.4809	mg/l	10/23/2018 13:51:18	
J5569-09	S	TKN-NH3	P	0.4529	mg/l	10/23/2018 13:51:19	
J5569-13	S	TKN-NH3	P	0.4639	mg/l	10/23/2018 13:51:21	
PB114039BL	S	TKN-NH3	P	0.0968	mg/l	10/23/2018 13:51:23	
PB114039BS	S	TKN-NH3	P	4.5279	mg/l	10/23/2018 13:51:24	
J5565-01	S	TKN-NH3	P	5.7239	mg/l	10/23/2018 13:51:25	
J5565-02	S	TKN-NH3	P	8.8832	mg/l	10/23/2018 14:01:56	
J5565-03	S	TKN-NH3	P	7.3335	mg/l	10/23/2018 14:01:57	
CCV3	S	TKN-NH3	P	4.2314	mg/l	10/23/2018 14:01:58	
CCB3	S	TKN-NH3	P	0.1434	mg/l	10/23/2018 14:01:59	
J5565-04	S	TKN-NH3	P	14.6995	mg/l	10/23/2018 14:02:00	
J5565-07	S	TKN-NH3	P	21.8485	mg/l	10/23/2018 14:02:04	
J5565-08	S	TKN-NH3	P	17.5215	mg/l	10/23/2018 14:02:05	
J5569-12	S	TKN-NH3	P	5.82	mg/l	10/23/2018 14:48:03	
J5586-01	S	TKN-NH3	P	3.8648	mg/l	10/23/2018 14:48:04	
J5565-05MS	S	TKN-NH3	P	45.3652	mg/l	10/23/2018 14:48:05	
J5565-06MSD	S	TKN-NH3	P	45.3593	mg/l	10/23/2018 14:48:06	
CCV4	S	TKN-NH3	P	4.4355	mg/l	10/23/2018 14:48:07	
CCB4	S	TKN-NH3	P	0.1008	mg/l	10/23/2018 14:48:08	
J5565-04DUP	S	TKN-NH3	P	14.5874	mg/l	10/23/2018 15:16:23	

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J5569-01DLX1(S	TKN-NH3	P	4.5275 mg/l	10/23/2018 15:16:24
J5569-01DUPC S	TKN-NH3	P	4.6607 mg/l	10/23/2018 15:16:25
J5569-01MSDL S	TKN-NH3	P	4.835 mg/l	10/23/2018 15:16:26
J5569-01MSDL S	TKN-NH3	P	4.7417 mg/l	10/23/2018 15:16:27
J5565-04DLX2 S	TKN-NH3	P	7.4025 mg/l	10/23/2018 15:16:28
J5565-04DUPC S	TKN-NH3	P	7.014 mg/l	10/23/2018 15:16:29
J5565-05MSDL S	TKN-NH3	P	10.9069 mg/l	10/23/2018 15:16:30
J5565-06MSDL S	TKN-NH3	P	10.6438 mg/l	10/23/2018 15:16:31
CCV5 S	TKN-NH3	P	4.7388 mg/l	10/23/2018 15:16:32
CCB5 S	TKN-NH3	P	0.098 mg/l	10/23/2018 15:16:33
J5565-07DLX5 S	TKN-NH3	P	4.9011 mg/l	10/23/2018 15:47:03
J5565-08DLX2 S	TKN-NH3	P	9.2981 mg/l	10/23/2018 15:47:04
CCV6 S	TKN-NH3	P	5.0538 mg/l	10/23/2018 15:47:05
CCB6 S	TKN-NH3	P	0.0817 mg/l	10/23/2018 15:47:06

CHEMTECH
 284 Sheffield Street,
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10/23/2018 12:56

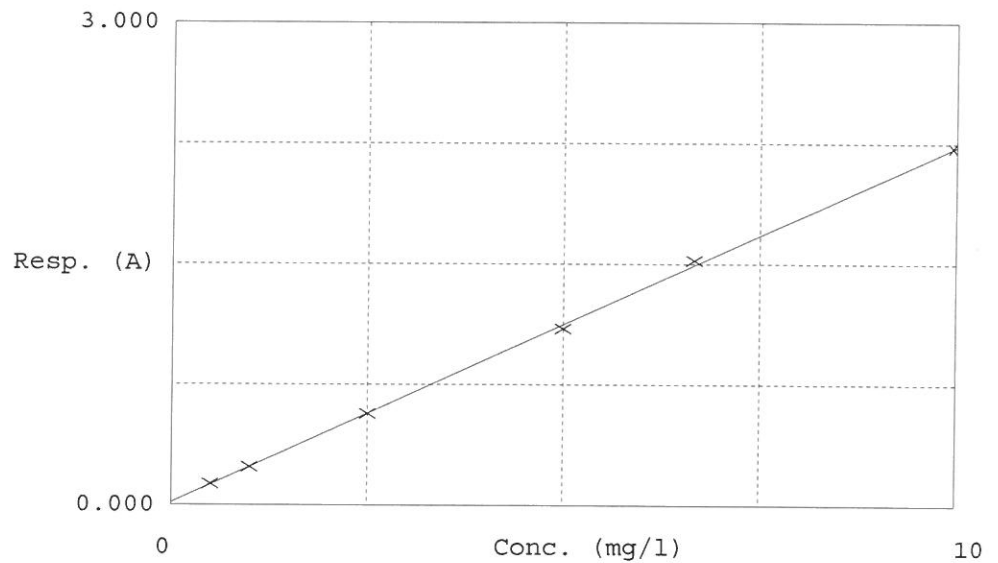
Test TKN-NH3

Accepted 10/23/2018 12:56

Factor 4.521
 Bias 0.017

Coeff. of det. 0.999491

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.132	0.5214	0.5000	
2	TKN-10	0.237	0.9950	1.0000	
3	TKN-10	0.568	2.4928	2.5000	
4	TKN-10	1.098	4.8862	5.0000	
5	TKN-10	1.522	6.8062	6.6667	
6	TKN-10	2.221	9.9651	10.0000	