

# Ammonia

Ammonia is a colorless gas with a strong, distinct odor. In concentrated form, it is caustic and hazardous, yet it is widely found in nature at trace-level concentrations. Ammonia can act as a nitrogen food source and fertilizer, while also being a waste product generated by aquatic organisms. Our method for ammonia analysis builds upon the long-standing salicylate method with the addition of an internal standard and the use of Raman spectroscopy for measurement. The value reported is  $\text{NH}_3$  (ppm) and may be converted to  $\text{NH}_3\text{-N}$  by dividing by 1.216.



## Benefits

- Minimal training needed
- Minutes per test with milliliters of sample
- Measure ammonia in complex water samples without interference from other amines

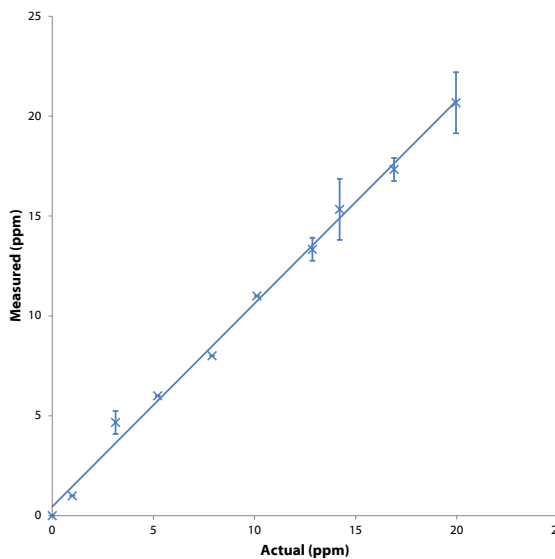
## Specifications

### Range:

OV-PP-B039-LPM 1- to 20-ppm  $\pm 1$ -ppm or 10%

OV-PP-B039-PPM 5- to 100-ppm  $\pm 10\%$

Sample Size: 1-ml



## Ordering Information

### Product

- Ammonia Analysis Cartridges
- Chloramine Analysis Cartridges
- Nitrate Analysis Cartridges

### Part Number

- OV-PP-B039
- OV-PP-B040
- OV-PP-B007