



Ammonia Test Kits Update

4/10/2024

Upcoming Changes to Ammonia Test Kits

The CHEMetrics Nessler Ammonia product line has been providing a reliable and straightforward means to measure ammonia in water for decades. The K-1503 and K-1523 Vacu-vials tests have been very successful, despite the limitation of the 2-month shelf-life.

In September 2023 we addressed the short shelf-life of K-1503 by launching K-1513, an improved Nessler Ammonia Vacu-vials test kit, with a 12-month shelf-life and wider measurement range. After seeing the positive reception of K-1513 we are following up with the launch of K-1533 in a few months. K-1533 will be a replacement for K-1523 and offer the new 12-month shelf-life and a larger measurement range. As we discontinue K-1503 and K-1523, the longer shelf-life products K-1513 and K-1533 will be their direct replacements.

The new K-1513 and K-1533 kits utilize the same Direct Nesslerization method of analysis so you can expect the same precision and accuracy that K-1503/K-1523 provided. Besides the improved shelf-life and wider testing range, the primary differences are that the new test procedures require an additional activator solution. **Table 1** provides a comparative summary of the features for the old and new products.

Table 1. Key Product Definition Information for CHEMetrics Old and New Nessler Ammonia Vacu-vials Test Kits				
Catalog #	K-1503	K-1513	K-1523	K-1533
Status	Obsolete by Q3 2024	Direct Replacement	Obsolete by Q3 2024	Direct Replacement
Method	Direct Nesslerization	Direct Nesslerization	Direct Nesslerization	Direct Nesslerization
Measurement Range (ppm)	0-7	0-10 & 0-150	0-14	0-20
Room Temperature Shelf- Life	2 months	12 months	2 months	12 months
Steps in Test Procedure	6	6	6	6

We understand that changing part numbers and test procedures can be inconvenient. However, we believe the shelf-life extension and expanded testing range will reduce product ordering frequency and open up new measurement range options for our customers.

What Do I Need to Keep Testing?

In early Spring 2024, if you were previously using K-1503 you will be prompted to purchase K-1513, and if you were previously using K-1523, you will be prompted to purchase K-1533. Since the test procedures have changed it will be critical to review the new kit instructions.

For customers using CHEMetrics V-2000 or V-3000 photometers, you may need to update your instrument software to the most current method revision available on our website. ([V-2000 method update](#) and [V-3000 method update](#)). Refer to **Table 2** for new program # assignments and Photometer Method Revision requirements. Additionally, customers using spectrophotometers will need to use the new calibration equations printed in the kit instructions.

	Method Revision #	K-1513 0 – 10 ppm Program #	K-1513 0 – 150 ppm Program #	K-1533 0 – 20 ppm Program #
V-2000 Information	20	17	18	TBD
V-3000 Information	Software Version 2.82/Program Version 2.10C	17	18	TBD
A-2024 SAM Information	Not Applicable	LR15	HR15	Not Available

Questions?

If you have any questions or concerns regarding the changes to the ammonia test kits, we encourage you to reach out to our customer service team via our website at: <https://www.chemetrics.com/contact-us-customer-service/> or by phone at 800.356.3072. Thank you for choosing CHEMetrics for your water testing needs.