

Nitrite

Name of the test	Nitrite
Range of testing (ppm)	0 - 0.5
Unit	mg/L
Correlation to standard	0.80
Method	Colorimetric
Calibration point	0.05 ppm
Time taken	10 minutes
Storage	Keep in a cool, dry place away from sunlight.
Safety	Avoid contact with skin. Use gloves to perform a test.
Shelf life	1 month from the date of manufacturing.
Limitations	<p>Chemical incompatibility makes it unlikely that NO_2, free chlorine and nitrogen trichloride will coexist. The following ions interfere because of precipitation Fe^{+3}, pB^{+2}, Hg^{+2} and Ag^{+} chloroplatinate and metavanadate.</p> <p>Cupric ions may cause low results by catalyzing decomposition of diazonium salt. Colored ions that alter the color system should also be absent. Remove suspended solids by filtration.</p>

*Tests to be performed in a well lit ambience with natural light

*These tests do not work with turbid or coloured water samples