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CCS Z 16



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 11902-1989

**Water quality. Determination of selenium. Diaminonaphthalene
fluorometric method**

水质 硒的测定 2, 3-二氨基萘荧光法

(English Translation)

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What this standard covers

This standard applies to all kinds of clean water, sewage and certain industrial waste (see Appendix A). Water is generally common anions and cations do not interfere with the determination of selenium. Copper, iron, molybdenum and other heavy metals and oxides on the determination of selenium have a lot of interference, can be used to eliminate EDTA and hydroxylamine hydrochloride. Under the conditions applied to the determination, when the Se content is 0.05 μ g, 30 μ g of arsenic, cobalt, chromium; 5 μ g Cd; 20 μ g Ni; 27 μ g beryllium; 35 μ g copper; 40 μ g Mn; 50 μ g of lead, zinc; 100 μ g iron, vanadium, etc. do not interfere. The minimum detectable amount of 0.005 μ g Law selenium, take 20mL water sample, the minimum detectable concentration of selenium was 0.25 μ g/L.

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