
**Water quality — Determination of certain
explosives and related compounds —
Method using high-performance liquid
chromatography (HPLC) with UV
detection**

*Qualité de l'eau — Dosage de certains explosifs et de composés
apparentés — Méthode utilisant la chromatographie en phase liquide à
haute performance (CLHP) avec détection UV*

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Foreword

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Introduction

Explosives and related compounds are frequently encountered in groundwater areas near to soil sites contaminated by armaments waste and may also be found in drinking water taken from nearby catchment areas. The range of pollutants will depend on the waste concerned, but will not, as a rule, include all the compounds listed in Table 1. Instead, samples of groundwater containing such pollutants may contain numerous other substances, such as nitro- and dinitrobenzoic acid, nitrophenols and aromatic amines. The compounds listed in Table 1 are frequently used for exploratory examinations of armaments waste.

When using this International Standard, it may be necessary in some cases to determine whether and to what extent particular problems will require the specification of additional conditions.