

# A theoretical survey on the chlorine dioxide (ClO<sub>2</sub>) and its decomposed species detection by the AlN nanotube in presence of environmental gases

[Monatshefte für Chemie - Chemical Monthly](#) ▫ [10.1007/s00706-021-02873-w](#) ▫ 2021 ▫

**Author(s):** Zahra Rahmani ▫ Saeed Fosshat ▫ Seyed Mehdi Seyed Alizadeh ▫ Farzad Tat Shahdost ▫ Mohamad Reza Poor Heravi ▫ ...

**Keyword(s):** [Chlorine Dioxide](#) ▫ [Species Detection](#)



## RELATED DOCUMENTS

### Chlorine Dioxide Woes in California

[American Water Works Association](#) ▫ [10.1002/j.1551-8833.1987.tb02866.x](#) ▫ 1987 ▫ Vol 79 (7) ▫ pp. 4-4

**Author(s):** George C. White

**Keyword(s):** [Chlorine Dioxide](#)



### A Balanced View of Chlorine Dioxide

[American Water Works Association](#) ▫ [10.1002/j.1551-8833.1998.tb08406.x](#) ▫ 1998 ▫ Vol 90 (4) ▫ pp. 8-10 ▫ [Cited By ~ 3](#)

**Author(s):** Don J. Gates

**Keyword(s):** [Chlorine Dioxide](#)



### Household Odors Associated With the Use of Chlorine Dioxide

[American Water Works Association](#) ▫ [10.1002/j.1551-8833.1990.tb06948.x](#) ▫ 1990 ▫ Vol 82 (4) ▫ pp. 166-172 ▫ [Cited By ~ 16](#)

**Author(s):** Robert C. Hoehn ▫ Andrea M. Dietrich ▫ William S. Farmer ▫ Margaret P. Orr ▫ Ramon G. Lee ▫ ...

**Keyword(s):** [Chlorine Dioxide](#)



### Determination of Chlorine Dioxide, Chlorine, Chlorite, and Chlorate in Water

[American Water Works Association](#) ▫ [10.1002/j.1551-8833.1984.tb05263.x](#) ▫ 1984 ▫ Vol 76 (1) ▫ pp. 64-70 ▫ [Cited By ~ 89](#)

**Author(s):** E. Marco Aieta ▫ Paul V. Roberts ▫ Margarita Hernandez

**Keyword(s):** [Chlorine Dioxide](#)



### Lower Detection Limits Found for Chlorine Dioxide Contaminants

## LOWER DETECTION LIMITS FOUND FOR CHLORINE DIOXIDE CONTAMINANTS

[American Water Works Association](#) ▫ [10.1002/j.1551-8833.1984.tb05373.x](#) ▫ 1984 ▫ Vol 76 (7) ▫ pp. 98-101 ▫ [Cited By ~ 3](#)

**Author(s):** Gilbert Gordon ▫ Yasuhisa Ikeda

**Keyword(s):** [Chlorine Dioxide](#) ▫ [Detection Limits](#) ▫ [Lower Detection](#)



## A Review of Chlorine Dioxide in Drinking Water Treatment

[American Water Works Association](#) ▫ [10.1002/j.1551-8833.1986.tb05766.x](#) ▫ 1986 ▫ Vol 78 (6) ▫ pp. 62-72 ▫ [Cited By ~ 163](#)

**Author(s):** E. Marco Aieta ▫ James D. Berg

**Keyword(s):** [Drinking Water](#) ▫ [Water Treatment](#) ▫ [Chlorine Dioxide](#) ▫ [Drinking Water Treatment](#)



## Femtosecond pump-probe studies of actinic-wavelength dependence in aqueous chlorine dioxide photochemistry

[The Journal of Chemical Physics](#) ▫ [10.1063/1.3116108](#) ▫ 2009 ▫ Vol 130 (15) ▫ pp. 154503

**Author(s):** Teresa J. Bixby ▫ Joshua C. Bolinger ▫ Joshua D. Patterson ▫ Philip J. Reid

**Keyword(s):** [Chlorine Dioxide](#) ▫ [Wavelength Dependence](#) ▫ [Pump Probe](#)



## Ultrasensitive multi-species detection of CRISPR-Cas9 by a portable centrifugal microfluidic platform

[Analytical Methods](#) ▫ [10.1039/c8ay02726a](#) ▫ 2019 ▫ Vol 11 (5) ▫ pp. 559-565 ▫ [Cited By ~ 5](#)

**Author(s):** Christopher R. Phaneuf ▫ Kyle J. Seamon ▫ Tyler P. Eckles ▫ Anchal Sinha ▫

Joseph S. Schoeniger ▫ ...

**Keyword(s):** [Sample Preparation](#) ▫ [Microfluidic Device](#) ▫ [Clinical Sample](#) ▫ [Microfluidic Platform](#) ▫ [Species Detection](#)

Combined activity- and immunoassays for CRISPR/Cas9 on a portable microfluidic device with integrated sample preparation from clinical sample matrices.



## Determination of the structure of liquids containing free radical molecules: Inter-molecular correlations in liquid chlorine dioxide

[Molecular Physics](#) ▫ [10.1080/00268976.2012.762128](#) ▫ 2013 ▫ Vol 111 (8) ▫ pp. 1015-1022 ▫ [Cited By ~ 4](#)

**Author(s):** H. Shimakura ▫ N. Ogata ▫ Y. Kawakita ▫ K. Ohara ▫ S. Takeda

**Keyword(s):** [Free Radical](#) ▫ [Chlorine Dioxide](#) ▫ [Structure Of Liquids](#)



## Effectiveness of chlorine dioxide in disinfection on two soft denture liners

[Journal of Prosthetic Dentistry](#) ▫ [10.1016/s0022-3913\(98\)70061-7](#) ▫ 1998 ▫ Vol 80 (6) ▫ pp. 723-729 ▫ [Cited By ~ 8](#)

**Author(s):** Karl K. Furukawa ▫ Frank D. Niagro ▫ Dennis A. Runyan ▫ Stephen M. Cameron

**Keyword(s):** [Chlorine Dioxide](#) ▫ [Denture Liners](#)



---

The ScienceGate team tries to make research easier by managing and providing several unique services gathered in a web platform.

## About

---

[About Us](#)

[ScienceGate Blog](#)

[Terms and Privacy Policy](#)

## Information

---

[FAQs](#)

[Contact Us](#)

[For Editors](#)

[For Authors](#)

[Advertising](#)