

Accepted Manuscript

Title: An overview of advanced reduction processes for bromate removal from drinking water: reducing agents, activation methods, applications and mechanisms

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PII: S0304-3894(16)30975-X
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.10.053>
Reference: HAZMAT 18134

To appear in: *Journal of Hazardous Materials*

Received date: 13-8-2016
Revised date: 21-10-2016
Accepted date: 22-10-2016

Please cite this article as: Qian Xiao, Shuili Yu, Lei Li, Ting Wang, Xinlei Liao, Yubing Ye, An overview of advanced reduction processes for bromate removal from drinking water: reducing agents, activation methods, applications and mechanisms, Journal of Hazardous Materials <http://dx.doi.org/10.1016/j.jhazmat.2016.10.053>

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An overview of advanced reduction processes for bromate removal from drinking water: reducing agents, activation methods, applications and mechanisms

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Highlights:

1. Advanced reduction processes (ARPs) are very robust on the removal of bromate.
2. Current developments on photocatalytic reduction of bromate were summarized.
3. The photocatalytic agents and activation methods were provided.
4. Operational parameters and degradation mechanisms were presented in detail.
5. Future research needs for ARPs to reach full-scale potential were discussed.

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