



**Literature review report on  
potential estrogen, androgen and steroidogenic (EAS)  
mediated endocrine disrupting (ED) properties  
Active Substance: Iodine**

according to

EFSA Guidance “Submission of scientific peer-reviewed open literature for the approval of pesticide active substances under Regulation (EC) No 1107/2009; EFSA Journal 2011, 9(2):2092”

and

EFSA Guidance “Guidance for the identification of endocrine disruptors in the context of Regulations (EU) No 528/2012 and (EC) No 1107/2009; EFSA Journal 2018;16(6):5311

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**Sponsor** Iodine Registration Group (IRG)

**Reporting**



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## 1. Summary

A literature search for the active substance Iodine on potential endocrine disruptive properties (EAS) of the active substance Iodine was performed as requested by EFSA Guidance "Guidance for the identification of endocrine disruptors in the context of Regulations (EU) No 528/2012 and (EC) No 1107/2009; EFSA Journal 2018;16(6):5311.

The literature search was conducted in accordance to the provisions of the EFSA Guidance "Submission of scientific peer-reviewed open literature for the approval of pesticide active substances under Regulation (EC) 1107/2009".

The objective of the literature search was the assessment of scientific peer-reviewed open literature dealing on potential endocrine disruptive properties (EAS) of the active substance Iodine .

This report summarises the search and selection process of the literature search performed.

Literature was searched accessing the databases: AGRICOLA, BIOSIS, CABA, EMBASE, ESBIODBASE, HCAPLUS, MEDLINE, PQSCITECH, TOXCENTER via the service provider STN-International.

In total, 381 records were retrieved from bibliographic databases and were screened by expert reviewers for relevance. Based on the evaluation of the summary records (titles/abstracts) 358 publications were assessed as obviously not relevant for the assessment of potential endocrine disruptive properties (EAS) of the active substance Iodine .

23 full-text documents were assessed in detail. Four of these publications provided relevant information on the potential endocrine disruptive properties (EAS) of the active substance Iodine .