**Supplementary Materials 2: Search Details and Review Forms**

**Database searches**

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| --- | --- |
| **Date** | June 2020 |
| **Platform/Interface** | Thomson Reuters Web of Science |
| **Databases** | Web of Science (2000-2020) |
| **Institution** | Moroccan Institute of Scientific and Technical Information (IMIST) |
| **Search string:** | (contamination\* OR gluten-free food OR labelled gluten-free OR naturally gluten free OR meals in food services\*) AND (gluten \* OR secaline OR hordien OR gliandine \*) AND ("gluten contamination" OR " gluten content" OR " gluten prevalence" OR “Gluten quantification“) AND (ELISA OR PCR OR HPLC OR Western blot OR MS OR electrophoresis\*)  in **Topic (title, abstract, keywords)** |
| **Hits** | 13843 |

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| **Date** | June 2020 |
| **Platform/Interface** | Science Direct |
| **Databases** | Science Direct |
| **Institution** | Moroccan Institute of Scientific and Technical Information (IMIST) |
| **Search string:** | (contamination\* OR gluten-free food OR labelled gluten-free OR naturally gluten free OR meals in food services\*) AND (gluten \* OR secaline OR hordien OR gliandine \*) AND ("gluten contamination" OR " gluten content" OR " gluten prevalence" OR “Gluten quantification“) AND (ELISA OR PCR OR HPLC OR Western blot OR MS OR electrophorese\*)  in **Topic (title, abstract, keywords)** |
| **Hits** | 175 |

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| **Date** | June 2020 |
| **Platform/Interface** | Scopus |
| **Databases** | Scopus (2000-2020) |
| **Institution** | Moroccan Institute of Scientific and Technical Information (IMIST) |
| **Search string:** | (contamination\* OR gluten-free food OR labelled gluten-free OR naturally gluten free OR meals in food services\*) AND (gluten \* OR secaline OR hordien OR gliandine \*) AND ("gluten contamination" OR " gluten content" OR " gluten prevalence" OR “Gluten quantification“) AND (ELISA OR PCR OR HPLC OR Western blot OR MS OR electrophorese\*)  in **Topic (title, abstract, keywords)** |
| **Hits** | 304 |

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| **Date** | June 2020 |
| **Platform/Interface** | PubMed |
| **Databases** | PubMed (200-2020) |
| **Institution** | Moroccan Institute of Scientific and Technical Information (IMIST) |
| **Search string:** | (contamination\* OR gluten-free food OR labelled gluten-free OR naturally gluten free OR meals in food services\*) AND (gluten \* OR secaline OR hordien OR gliandine \*) AND ("gluten contamination" OR " gluten content" OR " gluten prevalence" OR “Gluten quantification“) AND (ELISA OR PCR OR HPLC OR Western blot OR MS OR electrophorese\*)  in **Topic (title, abstract, keywords)** |
| **Hits** | 48 |

**Google search strings**

Gluten contamination in gluten-free food

Gluten contamination in labelled gluten-free food

Gluten contamination in naturally gluten-free food

Gluten contamination in meals in food services

Gluten content in in labelled gluten-free food

Gluten content in naturally gluten-free food

Gluten content in meals in food services

Gluten prevalence

Detection of gluten by ELISA, PCR, HPLC, Western blot, MS, AND/OR electrophorese

Gluten quantification

**Articles used for search verification**

***Reviews / book chapters***

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| --- | --- | --- | --- | --- | --- | --- |
| **Authors** | **Title** | **Journal / Book Title** | **Year** | **Volume (issue)** | **Pages** | **Doi** |
| Falcomer, A.L., Santos Araújo, L., Farage, P., Santos Monteiro, J., Yoshio Nakano, E., Puppin Zandonadi, R., | Gluten contamination in food services and industry: A systematic review. | Crit. Rev. Food Sci. Nutr. | 2020 | 60 | 479–493 | https://doi.org/10.1080/10408398.2018.1541864 |
| Mena, M.C., Sousa, C. | Analytical Tools for Gluten Detection. Policies and Regulation, in: Arranz, E., Fernández-Bañares, F., M.Rosell, C., Rodrigo, L., Peña, A.S. (Eds.), Advances in the Understanding of Gluten Related Pathology and the Evolution of Gluten-Free Foods | OmniaScience | 2015 | N/a | 527–564 | https://doi.org/10.3926/oms.264 |
| Miranda, J., Simón, E. | Gluten Content Change Over the Two Last Decades, in: Nutritional and Analytical Approaches of Gluten-Free Diet in Celiac Disease | SpringerBriefs in Food, Health, and Nutrition. Springer International Publishing, Cham | 2017 | N/a | 47–57 | https://doi.org/10.1007/978-3-319-53342-1\_4 |
| Rosell, C.M., Barro, F., Sousa, C., Mena, M.C. | Cereals for developing gluten-free products and analytical tools for gluten detection. | J. Cereal Sci | 2014 | 59 | 354–364 | https://doi.org/10.1016/j.jcs.2013.10.001 |