

## GMO Position Manufacturing Site Port Colborne, Canada

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This position paper is valid for the Jungbunzlauer manufacturing site Port Colborne, Canada.

The following Jungbunzlauer products

- Citric Acid Anhydrous
- Tripotassium Citrate
- Trisodium Citrate Dihydrate

are manufactured by fermentation or are based on fermentation derived products. Fermentation raw materials as well as production strains are not genetically modified.

### **Micro-organisms – production strains**

Jungbunzlauer does not use genetically modified production strains.

### **Fermentation media**

Our fermentation raw material, glucose syrup is derived from corn. Possible intermixing of genetically modified and non-genetically modified varieties of corn cannot be excluded. However, Jungbunzlauer works solely with raw material suppliers who process corn that meets all Canadian and US guidelines for usage of transgenic grains.

### **Absence of genetically modified DNA in the end product**

During the production of glucose syrup, genetically modified DNA from corn is denatured, degraded, or removed through successive processing steps including physical separation, heating, purification and filtration. For this reason, DNA from genetically modified corn is not present in measurable amounts in glucose syrup. Consequently, it is not found in the above-mentioned Jungbunzlauer products.

### **Regulatory items – labelling requirements**

#### US and Canada:

The existing guidelines on the labelling of novel foods derived from genetic engineering do not apply to the above-mentioned Jungbunzlauer products.

#### Europe:

None of the existing EC Directives and Regulations concerning GMO and the labelling of GMO's apply to the above-mentioned Jungbunzlauer products.

- **Regulation (EC) No 1829/2003** on genetically modified food and feed
- **Regulation (EC) No 1830/2003** concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC
- **Directive 2009/41/EC** on the contained use of genetically modified micro-organisms

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