



Nuremberg, 30 June, 2022

# GMO, PA, Allergies, Irradiation und Vegan Declaration

We hereby confirm that all hops delivered by any member of the BarthHaas group of companies are neither genetically modified nor are the resulting hop products processed by using technology for genetically modified organisms (GMOs).

Therefore all hops and hop products do not have to be marked as GMO-products according to all existing regulations of European Union and other countries concerning food safety and also according to EU regulations 1829/2003 on genetically modified food and feed and 1830/2003 concerning the traceability and labelling of genetically modified organisms.

We also confirm that our hops and hop products are free from allergens, nor do they contain any allergenic potential. Therefore, according to EU regulation 1169/2011 our hops and hop products are not subject to compulsory allergen labelling.

We hereby certify that all hops and hop products produced by BarthHaas are free of animal products and/or by-products and have not been ionised or irradiated.

In 2021, three samples from different hop varieties were analyzed for pyrrolizidine alkaloids. In none of the cases, any of the 28 tested parameters were detected.

BarthHaas GmbH & Co. KG

**Dr. Reinhold Kugel**  
Head of Product Safety  
and Quality Assurance

