DETERMINATION OF NITROSAMINES IN BEER MALT

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ABSTRACT

Through the conducted researches and studies during the present paper we tried to determine the presence of nitrosamines (NDMA) in the beer malt used in the beer production at USAMV Cluj-Napoca pilot station. Nitrosamines are well known to be carcinogenic compounds. They occur in malt from the process of roasting the malt that is to be knead. Through the slight variation of parameters used in roasting the malt, was attempted finding the optimum parameters that lead to the most decreased content of nitrosamines in the malt used to obtain the “Student” beer.

Variation of nitrosamine content in the malt as temperature and time dependent at which it was exposed during roasting process were determined from statistical interpretations.

KEYWORDS

Nitrosamines, beer malt, beer, variation of working parameters

REFERENCES