EXAMINAREA CARACTERELOR MORFOLOGICE ALE UNOR TULPINI DE DROJDII IZOLATE

Letitia OPREAN

Universitatea "Lucian Blaga" din Sibiu

Abstract: We have researched the morphological characteristics of 27 yeast: strains, mostly, used in the fermentative industry. Examination has let to the differentiation of several new isolated strains and genera regarding the cells shape and size *{Saccharomyces, Pichia, Candida, Rhodotorula, Kloeckera* and *Torulopsis).* As to the spore-forming capacity, we have been able to distinguish the sporogenous strains of the *Saccharomyces* and *Pichia* genera. The macroscopic examination of the cultural characteristics of the newly identified yeast strains has evinced the differences existing in the aspect of the colonies that grow on proper solid culture media, allowing us to differentiate the respective yeast strains. The presence of red or rose carotinoid pigments with the *Rhodotorula* yeast strains has led to the identification of the contamination yeast strain *Rhodotorula glutints.* The capacity of the pellicular (oxidative) yeasts to form a pellicle on the surface of alcoholic liquida is used as an identification criterion fot the *Candida mycoderma* and *Pichia membranaefaciens* contamination yeast strains we have isolated.

Corresponding author Letitia Oprean, University “Lucian Blaga” of Sibiu, Faculty of Textiles and Food Industry (TTPA), Str. I. Rațiu 7-9, 550012 Sibiu, Romania, e-mail: oprean_letitia@yahoo.com

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