

### **Applications of biotechnology in food engineering**

**Paalme, Toomas; Adamberg, Kaarel; Eha, Kairit; Friedenthal, Margus; Järvekülg, Lilian; Laos, Katrin; Kasemets, Kaja; Kann, Aino; Kask, Signe; Laht, Tiit-Maie; Sirendi, Meelis; Tauts, Olev; Tedersoo, Erge; Täht, Riina; Vokk, Raivo** Food and nutrition = Toit ja toitumine 2002 / p. 16-30

### **Assessment of water sorption for carrageenan by isothermal microcalorimetry**

**Friedenthal, Margus; Eha, Kairit; Eding, G.** NFIF 2003 - New Functional Ingredients and Foods : Safety, Health and Convenience : 9-11 April 2003, Copenhagen, Denmark 2003 / p. P1-G06

### **Effect of thermal treatment on the rheological properties of carrageenan gels**

**Laos, Katrin; Eha, Kairit** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 52  
[https://conferences.ltu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](https://conferences.ltu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

### **Effects of drying on the gel strength and cation mobility of furcellaran**

**Friedenthal, Margus; Eha, Kairit; Viitak, Anu; Lukas, Ave; Siimer, Enn** Innovative food science & emerging technologies 2001 / p. 275-279 : ill [https://doi.org/10.1016/S1466-8564\(00\)00027-8](https://doi.org/10.1016/S1466-8564(00)00027-8)

### **Impact of short-term heat treatment on the structure and functional properties of carrageenans = Lühiajalise termilise töötuluse mõju karrageenaanide struktuurile ja funktsionaalsetele omadustele**

**Eha, Kairit** 2022 <https://doi.org/10.23658/taltech.22/2022> <https://digikogu.taltech.ee/et/Item/a1b25640-c11b-4e62-8226-85238d5352dc>  
[https://www.ester.ee/record=b5502795\\*est](https://www.ester.ee/record=b5502795*est)

### **Impact of short-term heat treatment on the structure and functional properties of commercial furcellaran compared to commercial carrageenans**

**Eha, Kairit; Pehk, Tõnis; Heinmaa, Ivo; Kaleda, Aleksei; Laos, Katrin** Heliyon 2021 / art. e06640  
<https://doi.org/10.1016/j.heliyon.2021.e06640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures**

**Friedenthal, Margus; Eha, Kairit; Kaleda, Aleksei; Part, Natalja; Laos, Katrin** SN Applied Sciences 2020 / art. 243, 6 p. : ill  
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### **Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures : [conference paper]**

**Friedenthal, Margus; Eha, Kairit; Kaleda, Aleksei; Part, Natalja; Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 116  
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### **Investigations related to furcellaran**

**Eha, Kairit; Friedenthal, Margus** Food and nutrition = Toit ja toitumine 2002 / p. 39-46 : ill

### **Monitoring of commercial furcellaran by a rupture test**

**Eha, Kairit** Food and nutrition = Toit ja toitumine 2001 / p. 57-58 : ill

### **Piima ja tema koostisosade mõju furtsellaraani geelide tekstuursetele omadustele**

**Laos, Katrin; Sirendi, Meelis; Eha, Kairit; Friedenthal, Margus** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 70

### **The influence of milk fat, pH and temperature on the viscosity of galacto-oligosaccharides and levan solutions**

**Eha, Kairit; Laos, Katrin** Xlth International Conference of Food Physicists : Plovdiv, Bulgaria, 10-12 June, 2014 2014

### **The shear stress and fracture test of furcellaran at moderate concentrations**

**Eha, Kairit; Laos, Katrin; Barndök, Tarmo; Friedenthal, Margus** Food and nutrition = Toit ja toitumine 2001 / p. 41-46 : ill

### **Water sorption behaviour of commercial furcellaran**

**Eha, Kairit; Kaleda, Aleksei; Menert, Anne; Laos, Katrin** Heliyon 2022 / 10 p. : ill <https://doi.org/10.1016/j.heliyon.2022.e11056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)