

Accepted Manuscript

Title: Study of chemical characteristics, gelation properties and biological application of calcium pectate prepared using apple or citrus pectin

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PII: S0141-8130(17)31943-8
DOI: <https://doi.org/10.1016/j.ijbiomac.2017.12.082>
Reference: BIOMAC 8744

To appear in: *International Journal of Biological Macromolecules*

Received date: 1-6-2017
Revised date: 11-12-2017
Accepted date: 13-12-2017

Please cite this article as: Shan Zhao, Fan Yang, Yang Liu, Dongsheng Sun, Zhilong Xiu, Xiaojun Ma, Ying Zhang, Guangwei Sun, Study of chemical characteristics, gelation properties and biological application of calcium pectate prepared using apple or citrus pectin, *International Journal of Biological Macromolecules* <https://doi.org/10.1016/j.ijbiomac.2017.12.082>

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Study of chemical characteristics, gelation properties and biological application of calcium pectate prepared using apple or citrus pectin

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