





ANALYSIS OF THE MAJOR NON-PSYCHOACTIVE CANNABINOIDS IN HEMP via ¹H AND ¹³C qNMR

Maria Francesca Colella, [‡] Rosachiara Antonia Salvino, [‡] Cesare Oliviero Rossi[‡], Giuseppina De Luca[‡]

[‡] Department of Chemistry and Chemical Technologies (CTC), University of Calabria – UNICAL, Via P. Bucci 14C, Arcavacata di Rende (CS), Italy







[1] E.C. Union method for the quantitative determination of the

Δ⁹- tetrahydrocannabinol content in hemp varieties. Delegated Regulation (EU) No 639/2014, Annex III as amended by Regulation (EU) 2017/1155. OJ L 167, 30.6.2017, p. 1–15. [2] C. Ingallina, A.P. Sobolev, S. Circi, M. Spano, C. Fraschetti, A. Filippi, A. Di Sotto, S. Di Giacomo, G. Mazzoccanti, F. Gasparrini, et. al, Molecules, 25 (8), 1908 (2020) [3] M. Dei Casa, E. Casagnib, et al., Forensic Sci. Int. 307, 110113 (2020)

[4] Y.H. Choi, A. Hazekamp, R. Verpoorte, Chem. Pharm. Bull., 52(6), 718-721 (2004).