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Authors: Marlène Vuillemin, Florent Grimaud, Marion Claverie, Agnès Rolland-Sabaté, Catherine Garnier, Patrick Lucas, Pierre Monsan, Marguerite Dols-Lafargue, Magali Remaud-Siméon, Claire Moulis



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A dextran with unique rheological properties produced by the dextranase from *Oenococcus kitaharae* DSM 17330

Marlène Vuillemin^a, Florent Grimaud^a, Marion Claverie^a, Agnès Rolland-Sabaté^{b,c}, Catherine Garnier^b, Patrick Lucas^d, Pierre Monsan^e, Marguerite Dols-Lafargue^d, Magali Remaud-Siméon^{a*}, Claire Moulis^{a*}

^a LISBP, Université de Toulouse, CNRS, INRA, INSA, F-31077 Toulouse, France

^b UR1268 Biopolymères Interactions Assemblages, INRA, F-44300 Nantes, France

^c UMR408 Sécurité et Qualité des Produits d'Origine Végétale, INRA, Université Avignon, F-84000 Avignon, France

^d Université de Bordeaux, ISVV, EA 4577, Unité de recherche Oenologie, Institut polytechnique de Bordeaux, INRA USC 1366, F-33140 Villenave d'Ornon, France

^e Toulouse White Biotechnology Center, Parc Technologique du Canal, F-31520 Ramonville Saint Agnes, France

* Co-corresponding remaud@insa-toulouse.fr; moulis@insa-toulouse.fr

Highlights

- DSR-OK is one of the most efficient and stable dextranase described to date.
- The dextran produced presents a very high molar mass and a quasi linear structure
- The dextran presents an exceptional viscosity, and a yield stress never observed before.
- These unique rheological properties open the way to a vast array of innovative applications

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