

C L A I M S

1. A method of preparing an extract from sugarcane bagasse or sugarcane straw comprising:
 - obtaining a dried sugarcane bagasse or a dried sugarcane straw;
 - milling the dried bagasse or the dried straw;
 - mixing the milled bagasse or straw with a solution comprising a solvent to form a mixture;
 - stirring the mixture;
 - separating liquid fraction and solid fraction of the mixture;
 - concentrating the liquid fraction to obtain an extract;
 - optionally drying the liquid fraction to obtain a dry extract.
2. The method according to the preceding claim, wherein the bagasse or the straw are dried at a temperature not less than 30 °C, preferably at a temperature of about 40 °C.
3. The method according to any of the preceding claims, wherein the dried bagasse or the dried straw is milled to a size ranging from 2 mm to 4 mm.
4. The method according to any of the preceding claims, wherein the solvent is selected from acetone, dichloromethane, ethanol, methanol, or combinations thereof.
5. The method according to any of the preceding claims, wherein the solution comprising solvent comprises ethanol.
6. The method according to any of the preceding claims, wherein the mixture is stirred for at least 24 hours.
7. The method according to any of the preceding claims, wherein the mixture is stirred at a temperature ranging from 20°C to 22 °C.

8. The method according to any of the preceding claims, wherein the liquid fraction and the solid fractions are separated by filtration, preferably filtration through gauze.
9. An extract obtained by the method according to any of the preceding claims.
10. The extract according to the preceding claim for use in medicine or veterinary.
11. The extract according to any of the claims 9-10 for use in the treatment or prevention of inflammatory diseases or inflammatory symptoms, in particular in skin inflammatory diseases.
12. The extract according to any of the claims 9-11 for use in the inhibition or reduction of skin enzymes activity, as anti-ageing agent, the skin protection against UV light damage, as antioxidant, as an anti-microbial agent and/or as an anti-acne agent.
13. The extract according to any of the claims 9-12 comprising from about 2% (wt/wt) to 8% (wt/wt) cellobiose, from about 2% (wt/wt) to 10% glucose(wt/wt), not more than about 2%(wt/wt) xylose, not more than 1% (wt/wt) galactose, not more than 0.1%(wt/wt) arabinose, not more than 15% (wt/wt) fructose, and not more than 6%(wt/wt) mannitol.
14. The extract according to any of the claims 9-13 further comprising not more than 4% (wt/wt) malic acid, not more than 5% (wt/wt) succinic acid, and not more than 3% (wt/wt) formic acid.
15. The extract according to any of the claims 9-14 further comprising not more than 1% (wt/wt) chlorogenic acid, not more than 1% (wt/wt) trans-5-caffeoylquinic acid, not more than 10% (wt/wt) trans-3-feruloylquinic acid, not more than 1% (wt/wt) ferulquinic acid, not more than 1% (wt/wt) feruylglucaric acid, not more than 1% (wt/wt) p-coumaric acid, not more than 1% (wt/wt) rans-ferulic acid, not more than

- 1% (wt/wt) diosmetin-6-C-glucoside, not more than 1% (wt/wt) tricin-7-O-glucuronidesulfate, and not more than 1% (wt/wt) pinellic acid.
16. The extract according to any of the claims 9-15 further comprising not more than 2% (wt/wt) cellobiose, from about 1%(wt/wt) to 8% (wt/wt) glucose, not more than about 1% (wt/wt) xylose, not more than 2% (wt/wt) arabinose, not more than 12% (wt/wt) fructose, and not more than 6% (wt/wt) mannitol.
17. The extract according to any of the claims 9-16 further comprising about 5 % (wt/wt) to 12% (wt/wt) malic acid, from about 3% (wt/wt) to about 20% (wt/wt) succinic acid, and not more than 10% (wt/wt) formic acid.
18. The extract according to any of the claims 9-17 further comprising not more than 1% (wt/wt) chlorogenic acid, not more than 1% (wt/wt) trans-5-caffeoylquinic acid, not more than 1% (wt/wt) trans-3-feruloylquinic acid, not more than 1% (wt/wt) ferulylquinic acid, not more than 1% (wt/wt) ferulylglucaric acid, not more than 1% (wt/wt) p-coumaric acid, not more than 1% (wt/wt) trans-ferulic acid, not more than 1% (wt/wt) diosmetin-6-C-glucoside, not more than 1% (wt/wt) tricin-7-O-glucuronidesulfate, and not more than 1% (wt/wt) pinellic acid.
19. A composition comprising an active amount of the extract according to the previous claims 9-18 and suitable excipients, in particular a pharmaceutical composition or a cosmetic composition.
20. The composition according to the preceding claim, wherein the concentration of the extract is at least 1.25 mg/mL.
21. The composition according to any of preceding claims 19-20 for topical administration, preferably the topical composition comprises a penetration enhancer.

22. The composition according to any of preceding claims 19-21 further comprising an active agent.
23. Use of the extract described in the claims 9-16 as a preservative, in particular as a cosmetic preservative or food preservative.
24. A foodstuff or a food composition comprising the extract according to the previous claims 9-16.