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(54) Title: EXTRACT FROM OIL PALM LEAVES COMPRISING PHENOLIC ACIDS

(57) Abstract: A composition comprising an extract from oil palm leaves characterized in that the extract comprises (-)-catechin gallate, ferulic acid, and phenolic acids such as gallic acid and protocatechuic acid and a method for producing said extract comprising the steps of (a) extracting the dried or fresh oil palm leaves with a solvent, (b) filtering the extract obtained in (a), (c) contacting the filtered extract from (b) with an chromatographic medium which selectively adsorbs a fraction containing (-)-catechin gallate, ferulic acid, and phenolic acids, (d) eluting the said fraction from the chromatographic medium using a solvent, (e) drying the eluted fraction obtained in step (d). Also claimed is the use of the composition for reducing or preventing oxidative stress in mammals and poultry.



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