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Applicant Address:			
Postcode:		Field Classification:	
Title:	A composition (RCUD) for protecting and/or repairing DNA from oxidative damages and a method thereof		
IPC:	A61K 35/22;A61P 39/06		
Applicant(s):	Council of Scientific and Industrial Research		
Inventor(s):	Tapan Chakrabarti;Sivanesan Saravana Devi;Kannan Krishnamurthi;Dipanwita Dutta;Narain Singh Rishi;Balkrishna Mansinghka Sunil;Haribhau Dawle Suresh		

Abstract:
A composition useful for protecting and/or repairing DNA from oxidative damages said composition comprising redistilled cow's urine distillate (RCUD) having components benzoic acid, and hexanoic acid, with ammonia content of the composition ranging between 5-15mg/L, and optionally along with anti-oxidants; and a method of protecting and/or repairing DNA from oxidative damages using composition of claim 1, said method comprising steps of estimating the amount of folded DNA in a sample, mixing the said composition to the said DNA either before or after the exposure of the DNA to the oxidatively DNA-damaging agent, and determining percentage folded DNA in the mixture showing protection and/or repair of DNA from oxidative damages.

Claim(s):

Priority:

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