

PATENT NO. 322060
D-PENICILLAMINE NANOPARTICLES AND PROCESS OF SYNTHESIS

APPLICATION NO. 201611000473

APPLICANT

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ABSTRACT

The present invention is in the field of nanoparticles. Particularly, the invention provides D-penicillamine nanoparticles exhibiting attenuation efficiency against brain copper overload. The invention also provides a process for the production of nanoparticles with specific characterizations allowing the nanoparticles to impart the enhanced therapeutic efficacy.

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CLAIM 1

A nanoparticle comprising drug and polymer present in a ratio of 71 wherein said drug is D-penicillamine while said polymer comprises the combination of alginate and chitosan and wherein said alginate and chitosan is present in a mass ratio of 101.

