



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_21677
Title of the Manuscript:	Supersalts Na₂MgX₄ (X = F, Cl): quantum chemical study of the structure, vibration spectra and thermodynamic properties
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	This is a well-written and thorough manuscript which I am happy to recommend for publication. In comparing the different DFT/B3P86 and MP2MC methods, the authors point out the similarities of their results as compared with each other and with experiments. They might want to suggest a preferred method depending upon the type of property being calculated, or are the result sufficiently similar that this does not make sense?	We agree with the comment. Explanation has been given (highlighted with yellow) to clarify and make the concept logical.
<u>Optional/General</u> comments		