



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 (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)
<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?	
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Anonymous
Department, University & Country	University of Missouri-St. Louis, USA