



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_10042
Title of the Manuscript:	A Study on the Mechanical, Dielectric and Photoconducting Properties of Bisthiourea Potassium Chloride Single Crystal
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)
Compulsory REVISION comments	1. The author must mention the CCDC number of Bisthiourea Potassium Chloride (BPC). 2. in support of dielectric studies Differential Scanning Calorimetry (30-100°C) graph must be included to check the phase transition. 3. The author must rewrite the introduction by mentioning the importance/application of Mechanical, Dielectric and Photoconducting Properties of BPC. 4. Must mention the hardness measurement plane 5. must include crystal size and photo	1. CCDC number of Bisthiourea Potassium Chloride (BPC) is 2. Differential Scanning Calorimetry (30-100°C) were not carried out 3. The Mechanical, Dielectric and Photo conducting Properties of BPC were included inside 4. The measurement plane of hardness was 5. Crystal size and photo are included
Minor REVISION comments	1. Must correct the title of reference number 8 2. fig 5, Id and Ip must be mentioned in the text. 3. correct line number 195 as crystal organic thin-film transistors, Nature 404, 977-980 4. title of reference 3,4 seems to be wrong, correct the title	1. Corrections made 2. Mentioned in the text 3. Corrected 4. Title of reference 3 is corrected - Growth of bis(thiourea) cadmium chloride single crystals — a potential NLO material of organometallic complex Title of reference 4 is corrected- Growth of zinc thiourea sulfate (ZTS) single crystals:: a potential semiorganic NLO material
Optional/General comments	The characterization techniques are insufficient to say the potential use of this material in NLO application. UV-VIS-NIR, thermal stability studies of the crystal can be included.	This research paper is a part of our work done on Bisthiourea Potassium Chloride (BPC) and we are in the process of carrying out other studies.



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<u>Are there ethical issues in this manuscript?</u>	I need to check structure of bisthiourea potassium chloride and potassium thiourea chloride, lattice parameters seems to be same, this can be done only after getting the CCDC number of bisthiourea potassium chloride	CCDC number included
<u>Are there plagiarism issues in this manuscript?</u>	In the introduction line #16-22 copied from http://shodhganga.inflibnet.ac.in/bitstream/10603/10476/5/05_abstract.pdf line #22-29 copied from http://shodhganga.inflibnet.ac.in/bitstream/10603/3545/10/10_chapter%204.pdf line#29-32 copied from http://een.iust.ac.ir/profs/Sadr/Papers/omdp2.pdf	These references were collected from