Review Form 1.6

Journal Name:	**Chemical Science International Journal**
Manuscript Number:	**Ms_CSIJ_83663**
Title of the Manuscript:	**Effect of alkaline additives over V-based catalysts supported on □- Al2O3 for propane oxidative dehydrogenation**
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:

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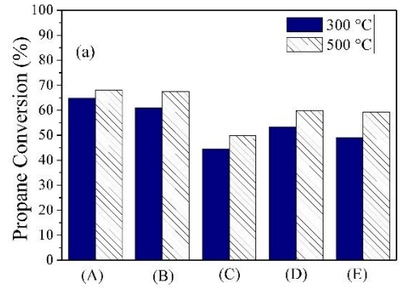
PART 1: Review Comments

	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		
Minor REVISION comments	*Page 1* ***a) Verb ending*** **Introduction** *Line 4* dehydrogenation [2-4]. Recently, the growing global olefins demands has stimulate the dehydrogenation [2-4]. Recently, the growing global olefins demands has stimulated the *Page 2* ***b) delete connector*** **Introduction** *Line 25* with the potassium additive and concluded that K strongly inhibited the consecutive propene with the potassium additive concluded that K strongly inhibited the consecutive propene *Page 4* ***c) Change the name of the described variable. It does not correspond to the symbols used in formula 5*** $SRR = \frac{X_{isop}(\%)\ x\ F_{isop}}{W\ x\ S_q}$ (5) gaseous carbon-containing product "j", F_{Ao} is the reactor outflow of isopropanol, W is the gaseous carbon-containing product "j", F_{isop} is the reactor outflow of isopropanol, W is the *Page 10* ***d) Place identification on the figures to facilitate reading***	



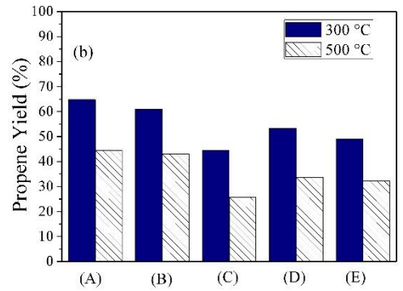
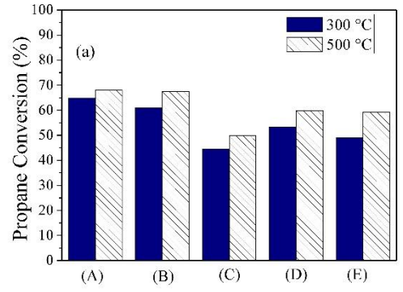
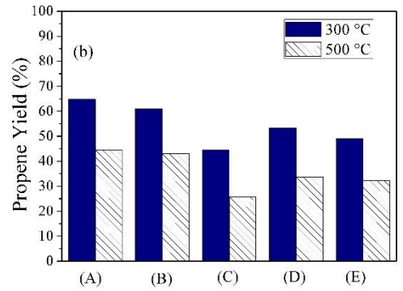


Fig. 6. Propane conversion (a) and propene yield (b) of the following catalysts during propane oxidative dehydrogenation: (A) 4V-Al (B); (B) 4V-0.5Na-Al (B); (C) 4V-1.0Na-Al (B); (D) 4V-0.5K-Al (B); (E) 4V-1.0K-Al (B)



(a)



(b)

Fig. 6. Propane conversion (a) and propene yield (b) of the following catalysts during propane oxidative dehydrogenation: (A) 4V-Al (B); (B) 4V-0.5Na-Al (B); (C) 4V-1.0Na-Al (B); (D) 4V-0.5K-Al (B); (E) 4V-1.0K-Al (B)

Page 12

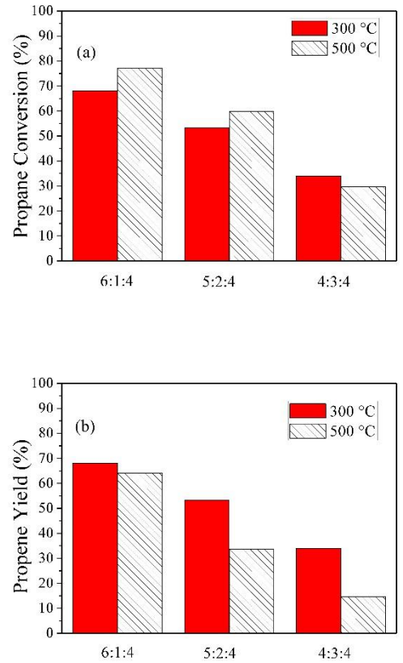
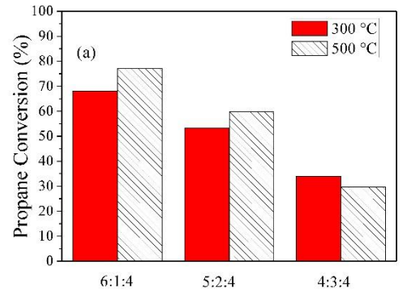
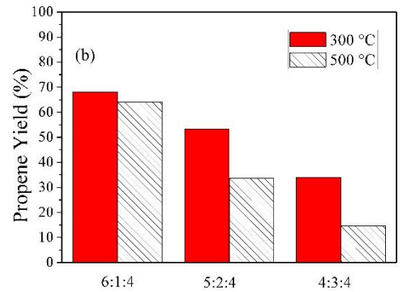


Fig. 8. Propane conversion (a) and propene yield (b) of the 4V-0.5K-Al (B) catalyst at different O_2:C_3H_8:He molar ratios of 6:1:4, 5:2:4 and 4:3:3

	 **(a)**  **(b)** **Fig. 8. Propane conversion (a) and propene yield (b) of the 4V-0.5K-Al (B) catalyst at different O_2:C_3H_8:He molar ratios of 6:1:4, 5:2:4 and 4:3:3**	
Optional/General comments		

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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