

# Crystal engineering of green tea epigallocatechin-3-gallate (EGCg) cocrystals and pharmacokinetic modulation in rats

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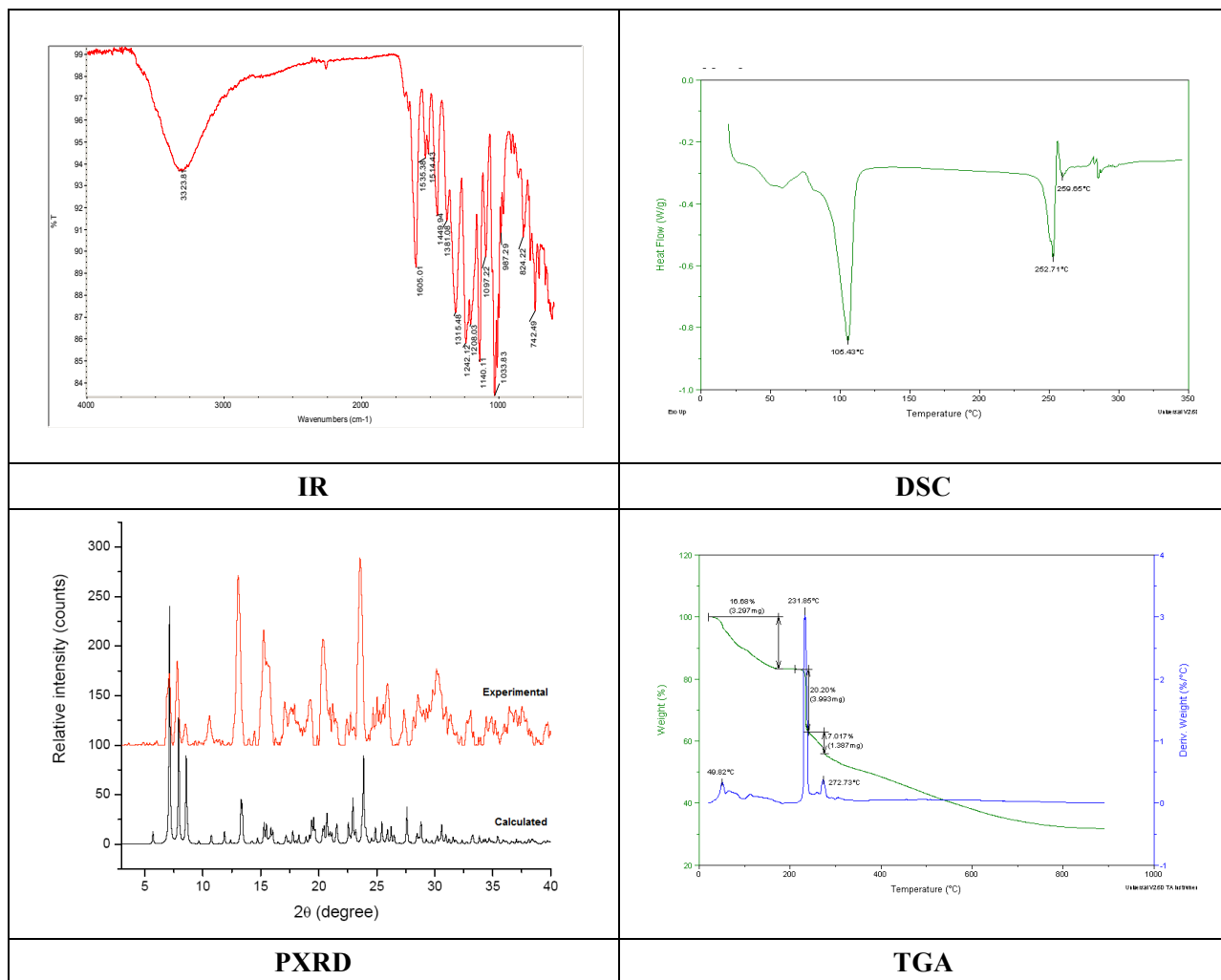
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## Supplementary information:

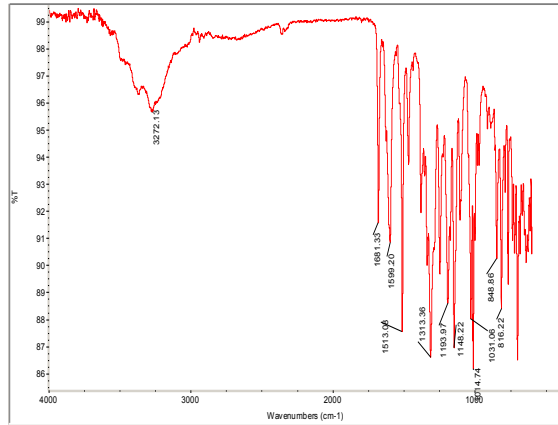
IR, DSC, TGA and PXRD patterns for the reported crystalline forms of EGCg

<u>Crystalline form</u>	<u>Page No.</u>
Form II	S2
Form III	S3
Form IV	S4
EGCgINM•5H <sub>2</sub> O	S5
EGCgNIC•9H <sub>2</sub> O	S6
EGCgINA•3H <sub>2</sub> O & EGCgINA	S7
EGCgNAC•xH <sub>2</sub> O	S8

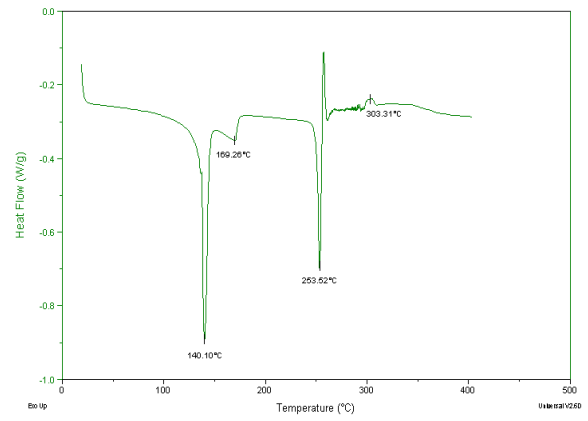
# Crystalline form: Form II ( $2C_{22}H_{18}O_{11} \cdot 3CH_6CN \cdot 3H_2O \cdot CH_2Cl_2$ )



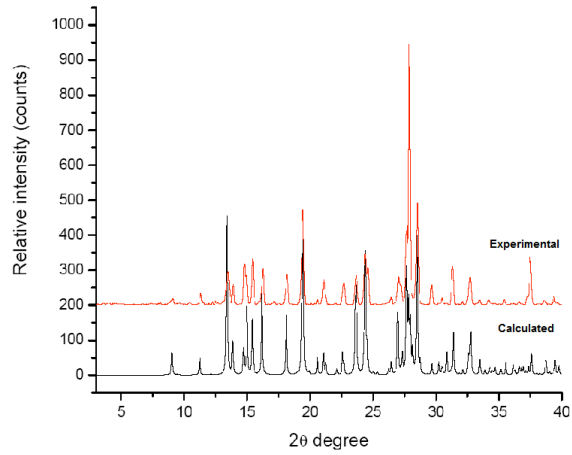
# Crystalline form 2: Form III ( $C_{22}H_{18}O_{11} \cdot C_6H_5NO_2 \cdot H_2O$ )



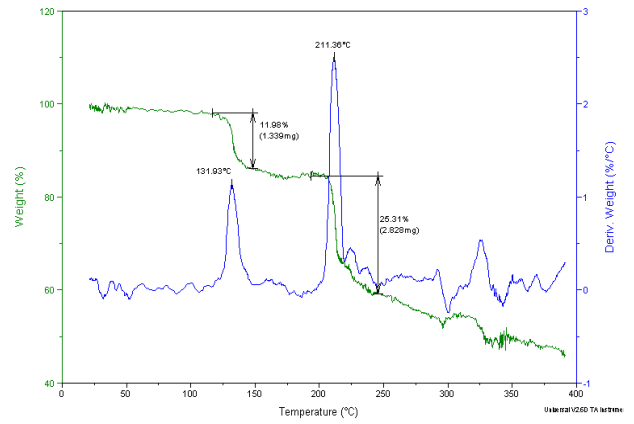
IR



DSC

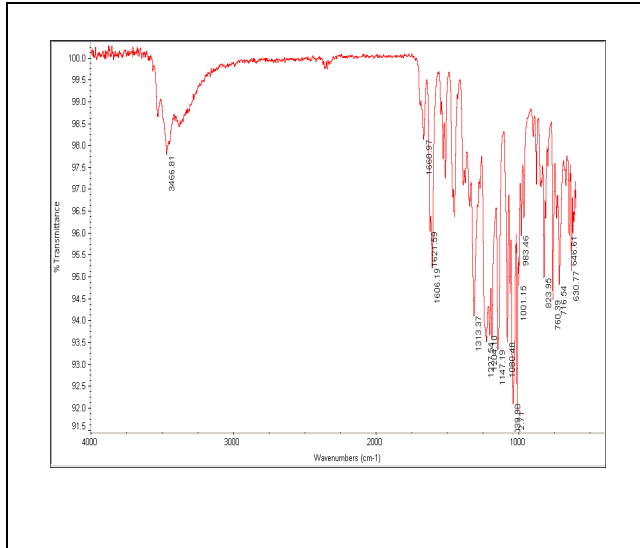


PXRD

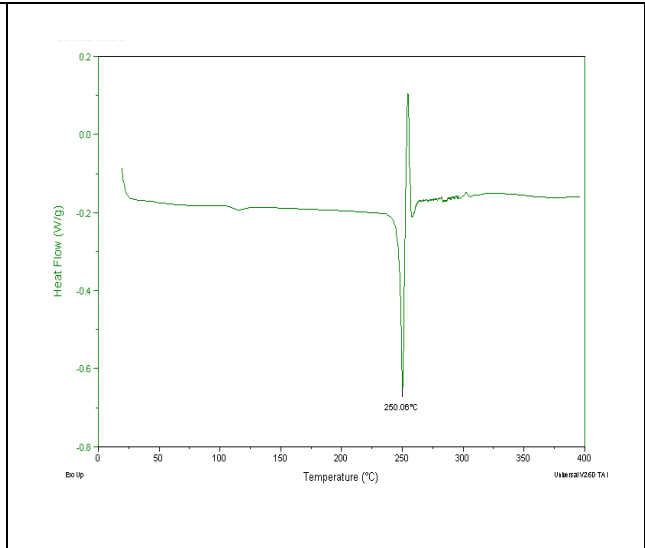


TGA

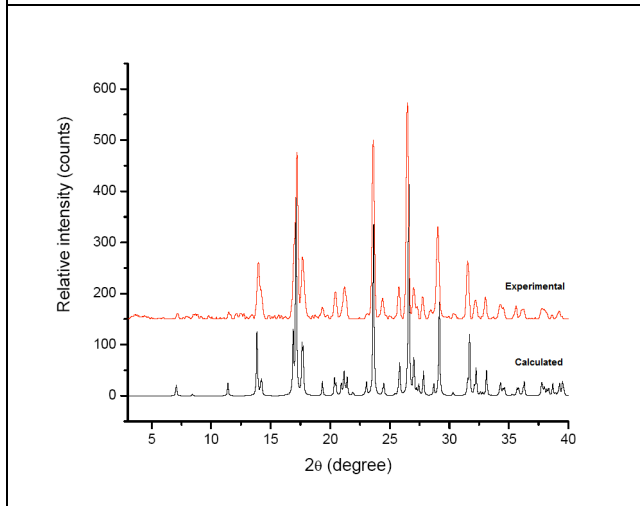
### Crystalline form 3: Form IV (Pure EGCg)



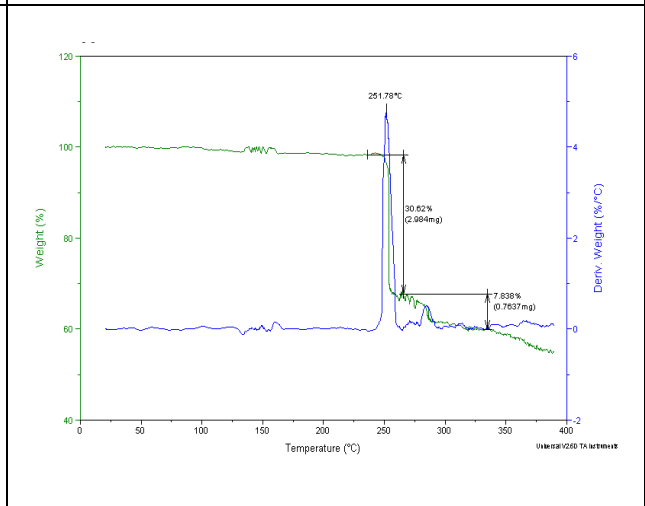
**IR**



**DSC**

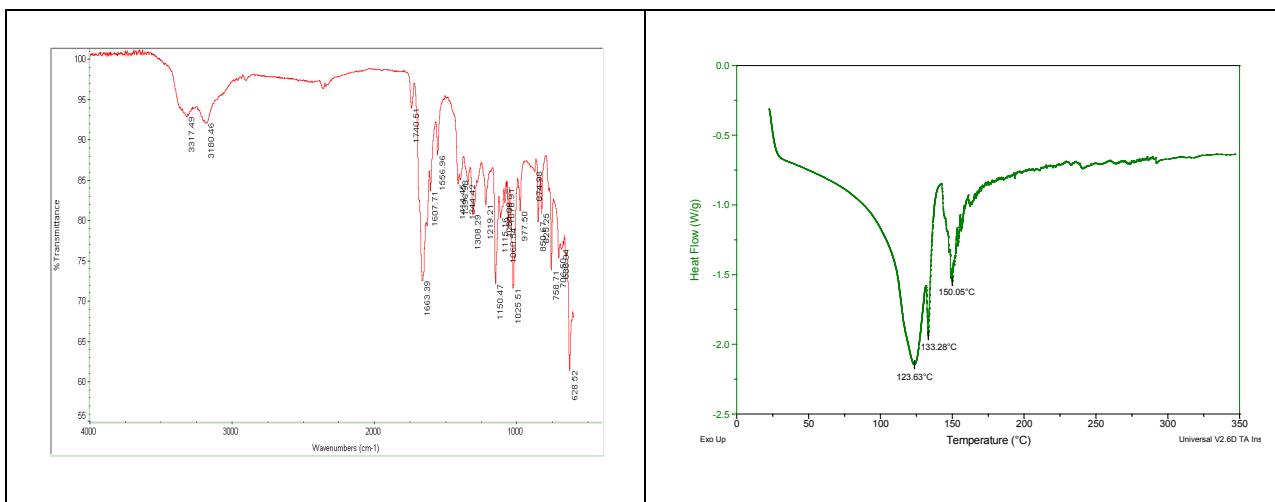


**PXRD**



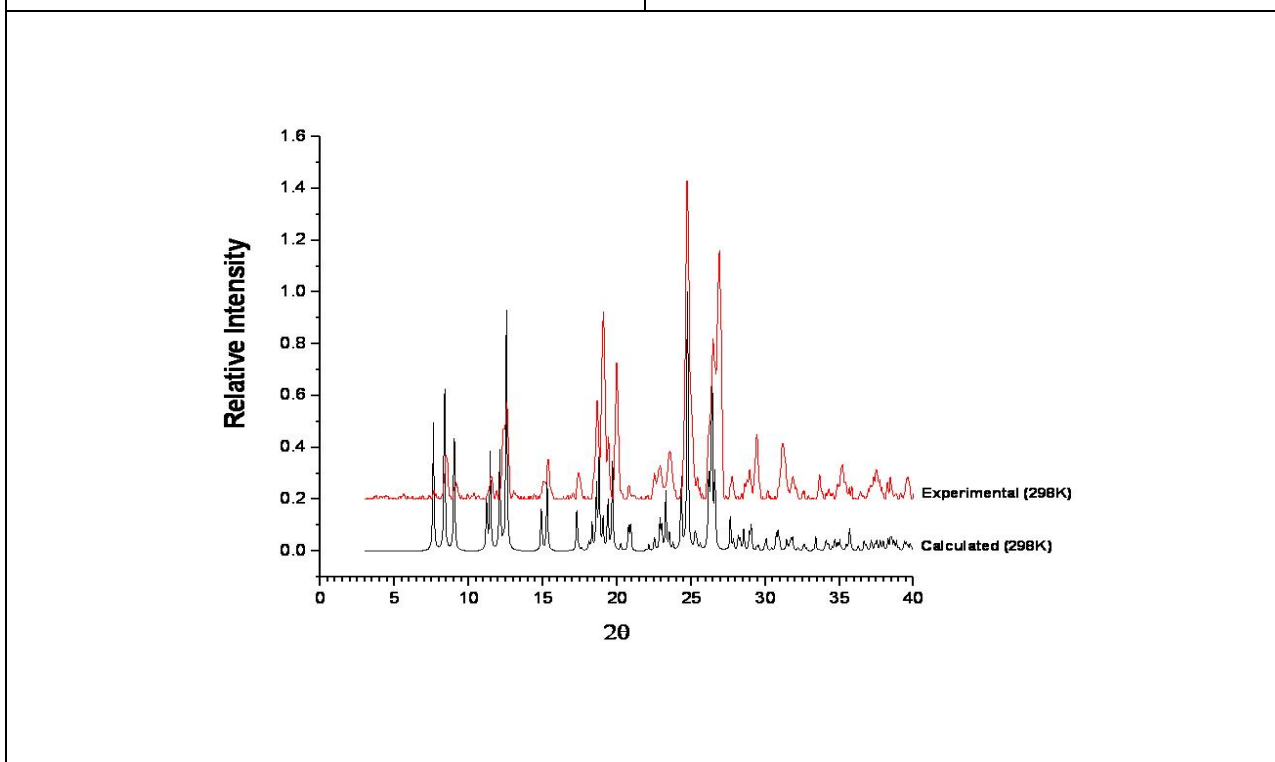
**TGA**

# Crystalline form 4: EGCgINM•5H<sub>2</sub>O



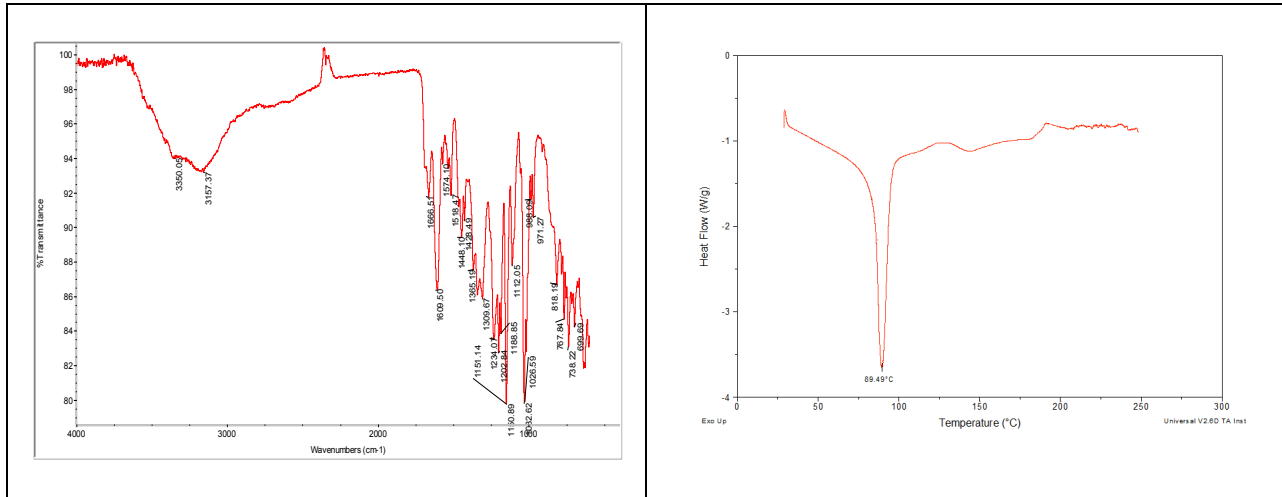
IR

DSC



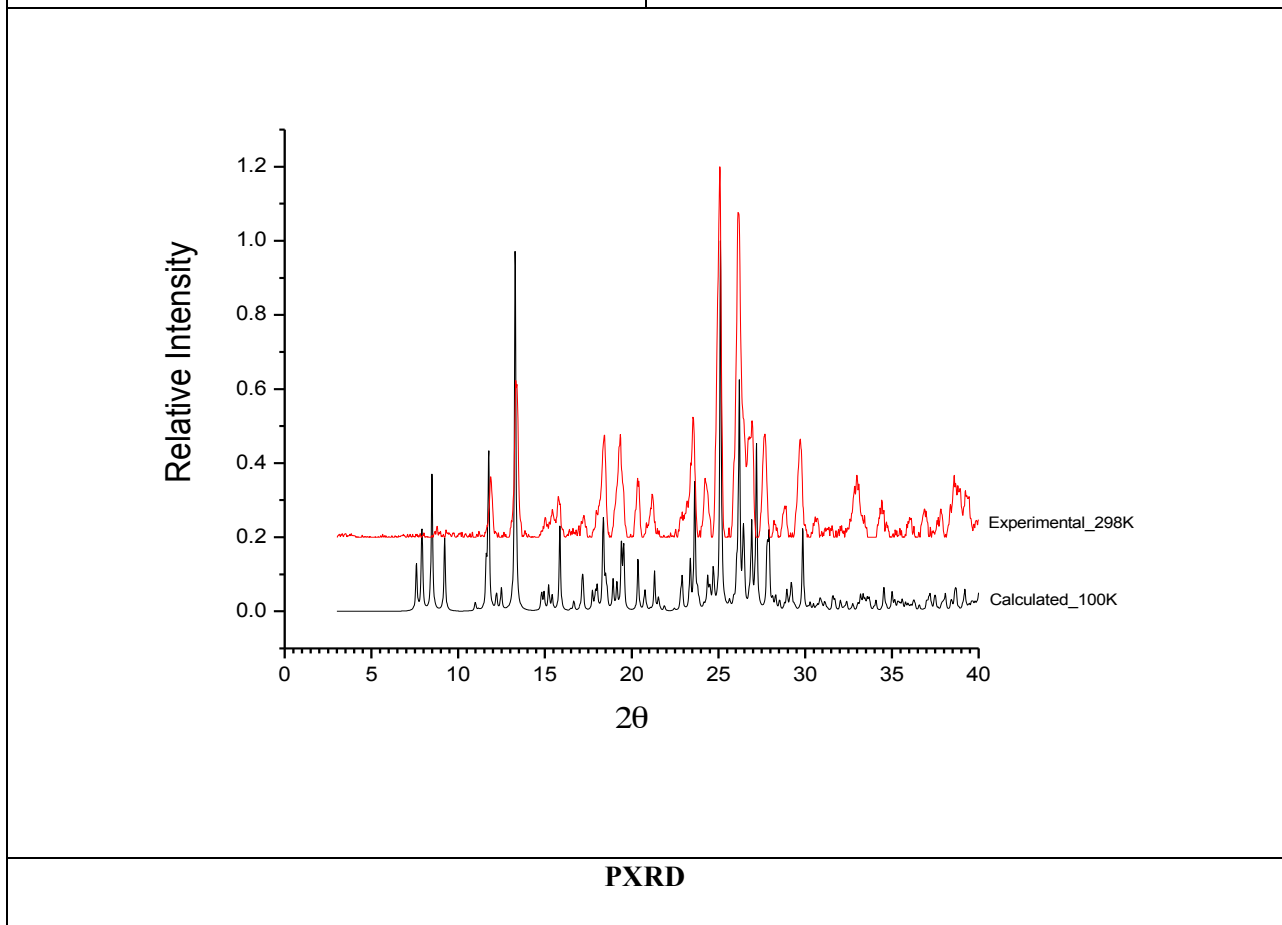
PXRD

# Crystalline form 5: EGCgNIC•9H<sub>2</sub>O



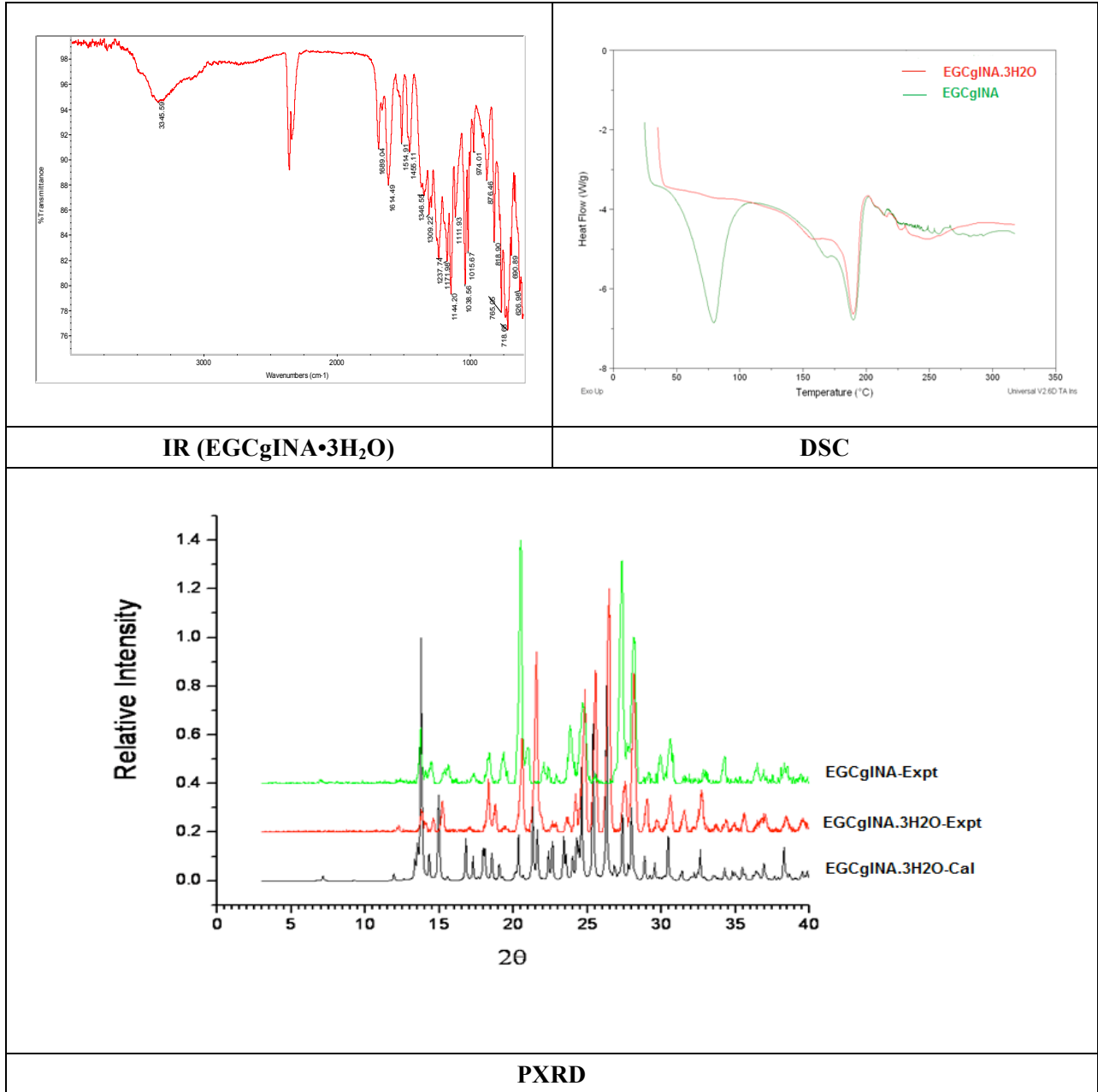
IR

DSC



PXRD

## Crystalline form 6: EGCgINA•3H<sub>2</sub>O & EGCgINA



### Crystalline form 7: EGCgNAC·xH<sub>2</sub>O

