

**Exploring Microemulsion-Prepared Lanthanum Catalysts for Natural Gas****Valorisation: SUPPLEMENTARY INFORMATION**

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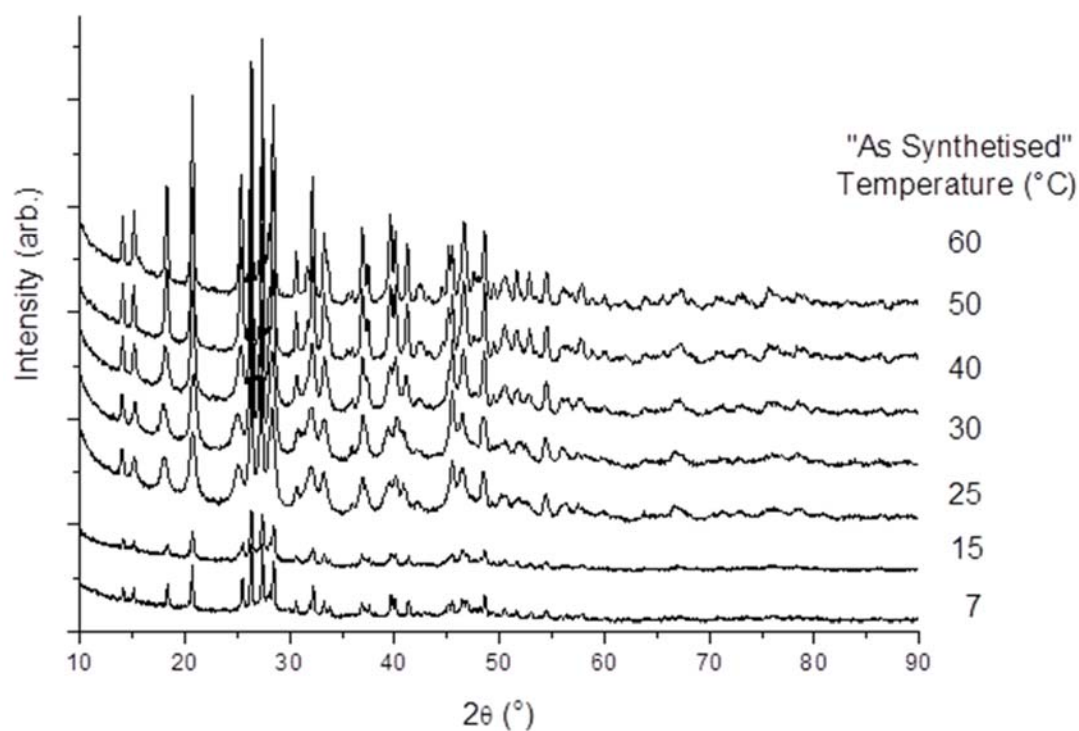


Figure S1. XRD patterns for the samples prepared by microemulsion using different temperatures of synthesis.

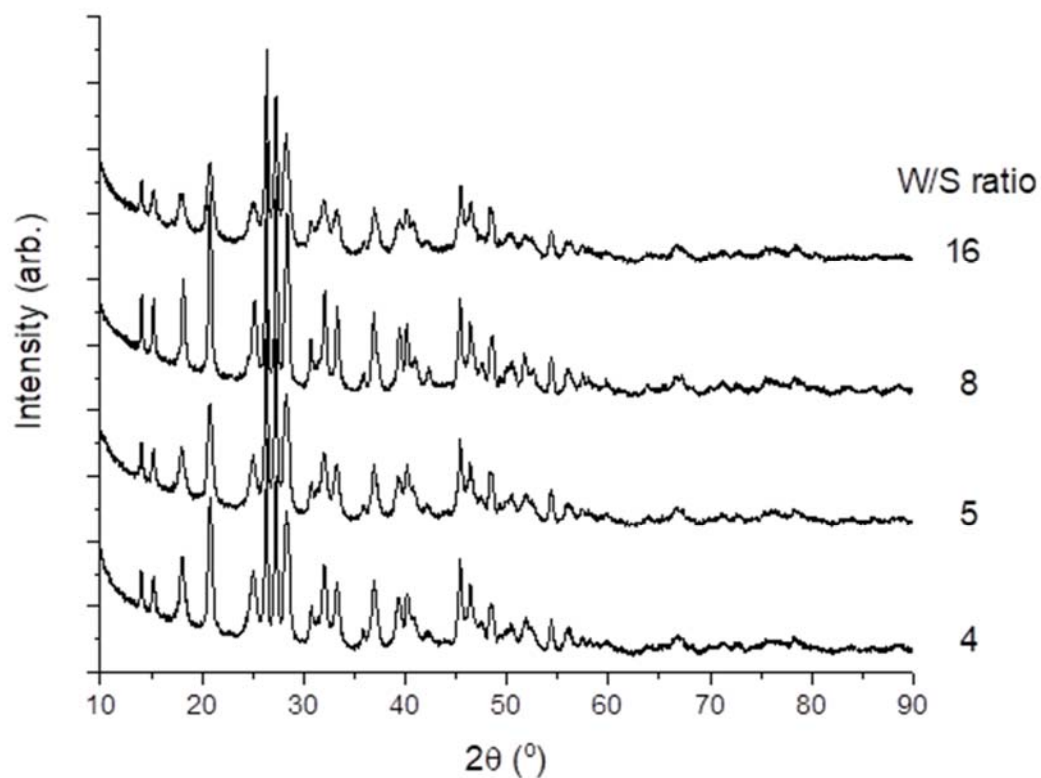


Figure S2. XRD patterns for the samples prepared by microemulsion using different W/S ratios.