Supplementary Information

Synergetic effects of thymoquinone loaded porous PVPylated Fe_3O_4 nanostructures for efficient pH dependent drug release and anticancer potential against triple negative cancer cells

Selvaraj Rajesh Kumar^a, RamarThangam^b, RajuVivek^c, SrinivasanSivasubramanian^b and Nagamony Ponpandian^{a*},

^aDepartment of Nanoscience and Technology, Bharathiar University, Coimbatore 641 046, India.

^bDepartment of Virology, King Institute of Preventive Medicine & Research, Chennai 600 032, India.

^cDepartment of Zoology, Bharathiar University, Coimbatore 641 046, India.

*Corresponding Author: E-mail: ponpandian@buc.edu.in; Tel.: +91-422-2428 421; Fax: +91-422-2422387



Fig. S1: (a) Nitrogen adsorption–desorption isotherms and (b) the corresponding pore size distribution curves of PVPylated Fe_3O_4 NPs.