

Supplementary information

Bioanalytical Method Development and Validation Study of Neuroprotective extract of Kashmiri Saffron using Ultra-Fast Liquid Chromatography-Tandem Mass Spectrometry (UFLC-MS/MS): In-vivo Pharmacokinetics of Apocarotenoids and Carotenoids

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Figure S1: UFLC-PDA Standardization of Kashmir Saffron (*Crocus sativus*) extract (CSE) **A-** Chromatograms of reference standards PIC, T4C, TCT, SAF; **B-** Chromatograms of CSE sample at 254 nm/440 nm/320nm.

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