

Figure S1. Wide-angle XRD patterns of CDs-60.

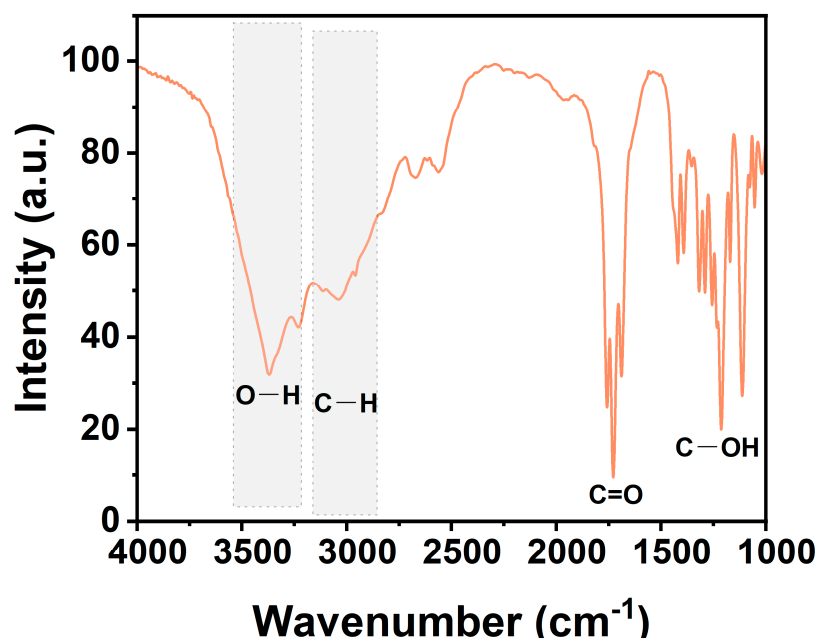


Figure S2. The FT-IR spectrum of Citric acid monohydrate.

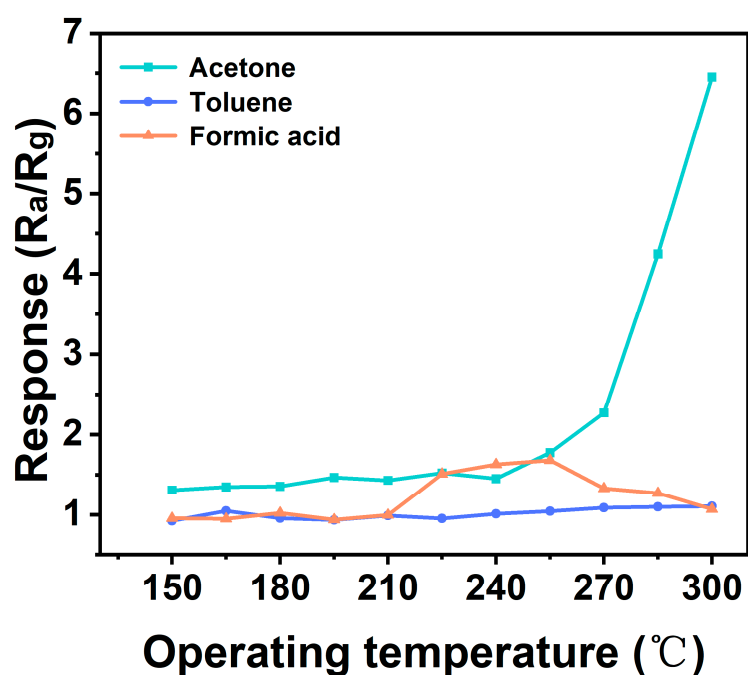


Figure S3. Response of SnO₂/CDs-60 composite sensitive material to 100 ppm of different gases at different operating temperature.

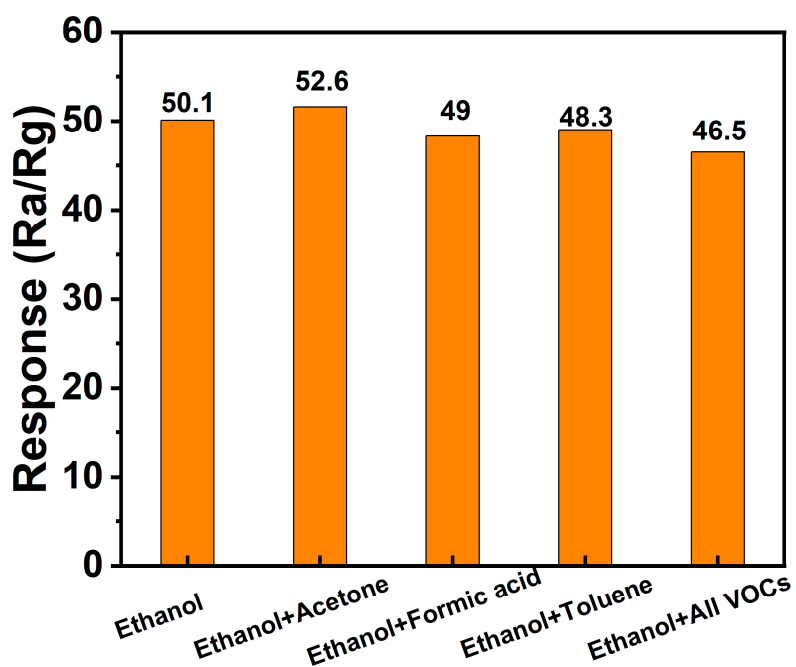


Figure S4. Interference resistance testing of SnO₂/CDs-60 sensitive material at 225 °C.