Electronic Supplementary Material (ESI) for RSC Advances.

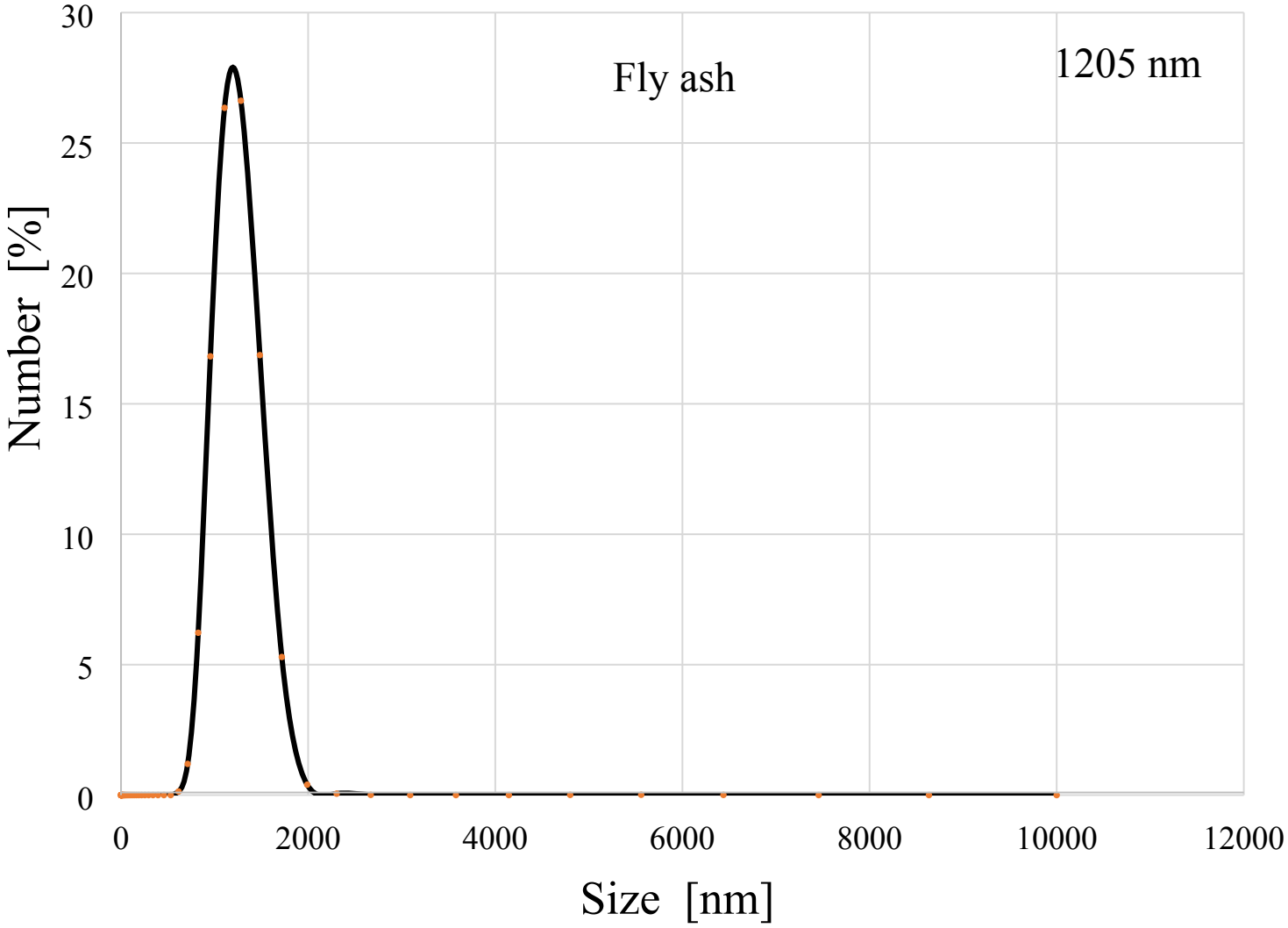

Fig. SM1. A plot of particle size distribution of CFBC fly ash

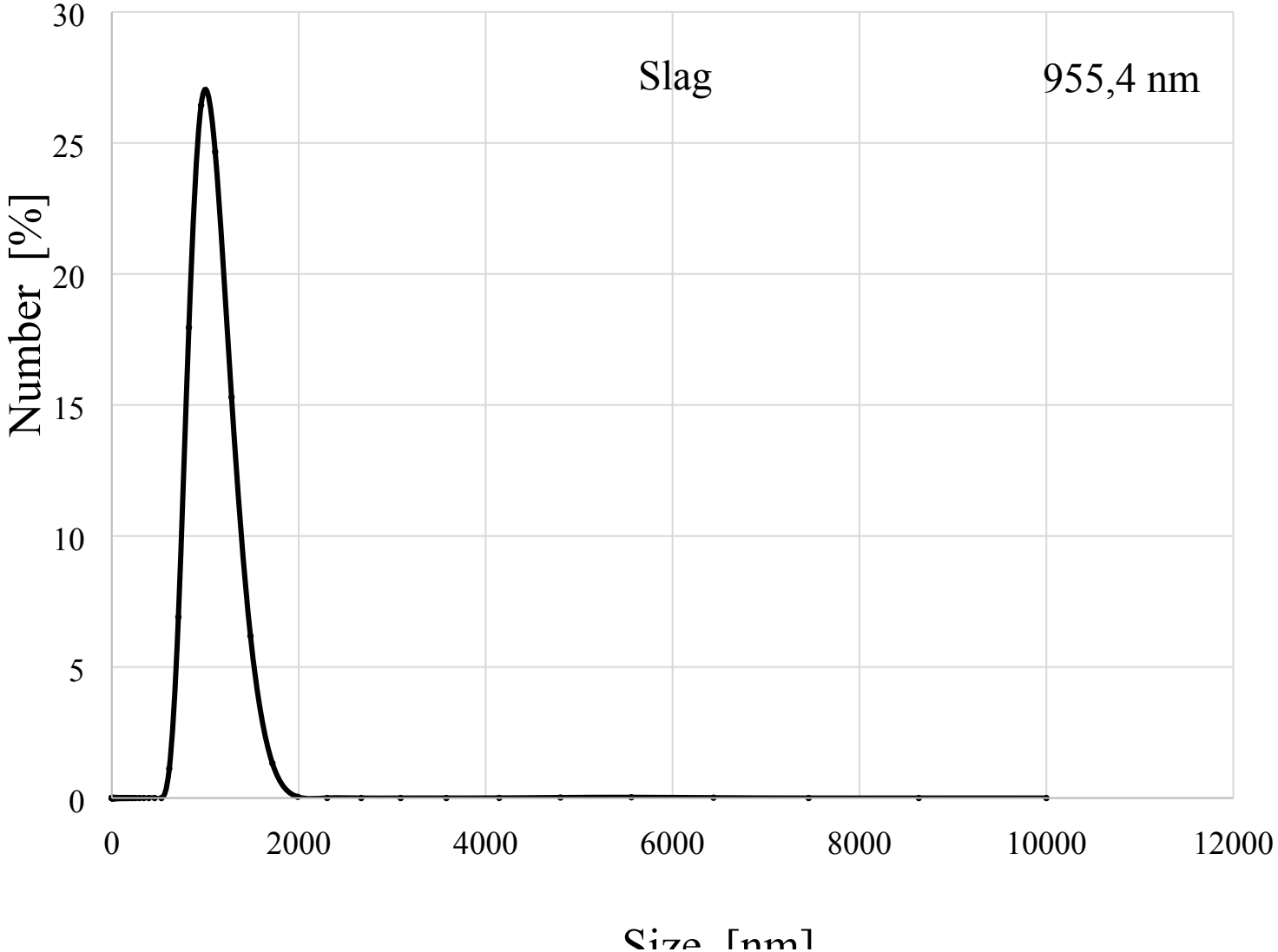

Fig. SM2. A plot of particle size distribution of CFBC slag

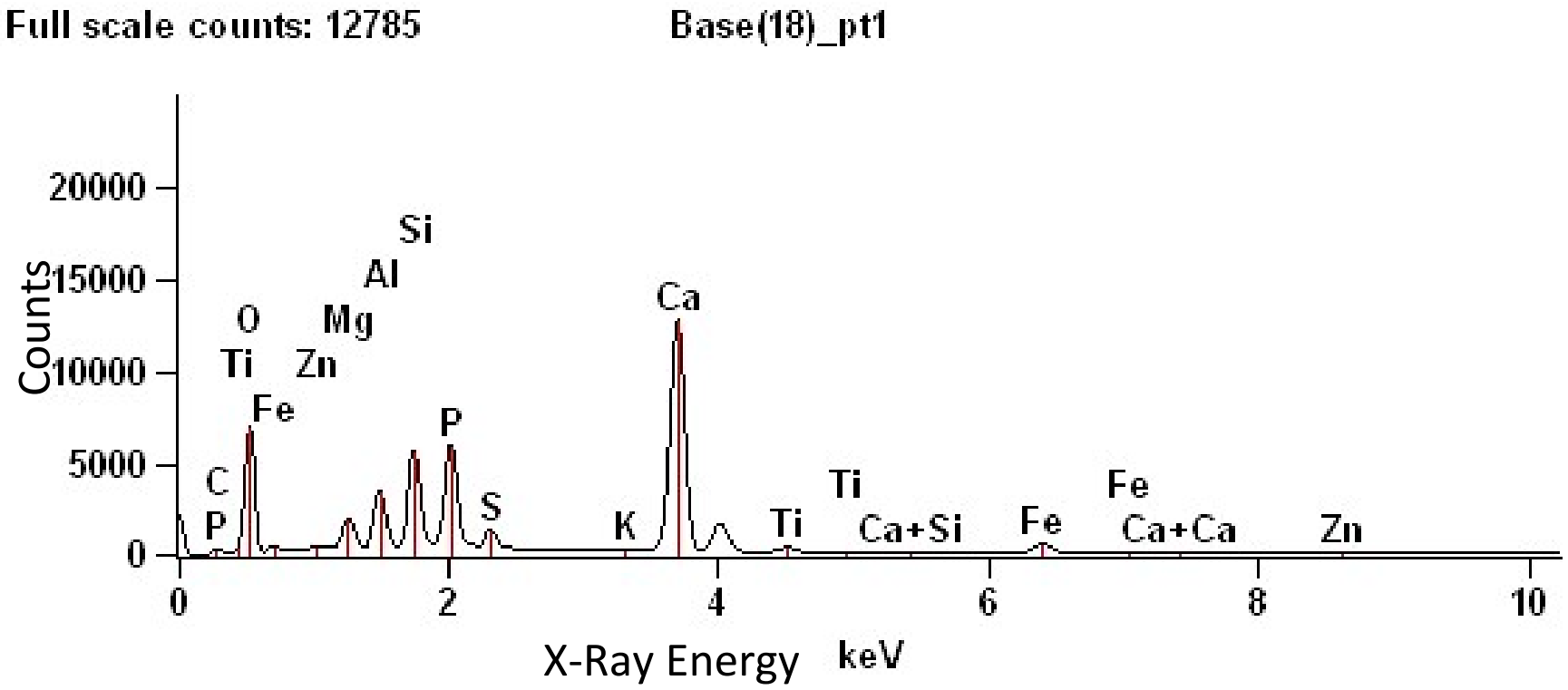

Fig. SM3. EDS spectrum of CFBC fly ash (magn. x200)

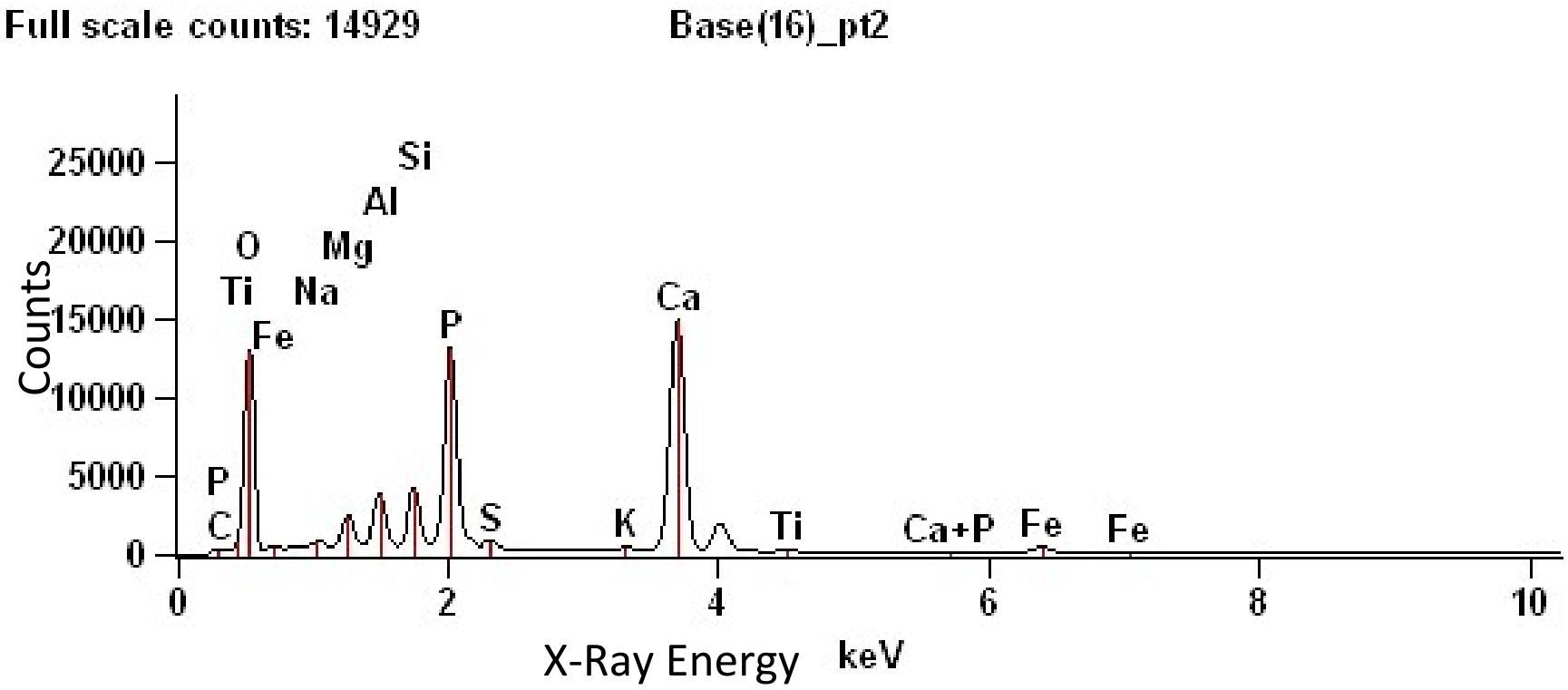

Fig. SM4. EDS spectrum of CFBC slag (magn. x200)

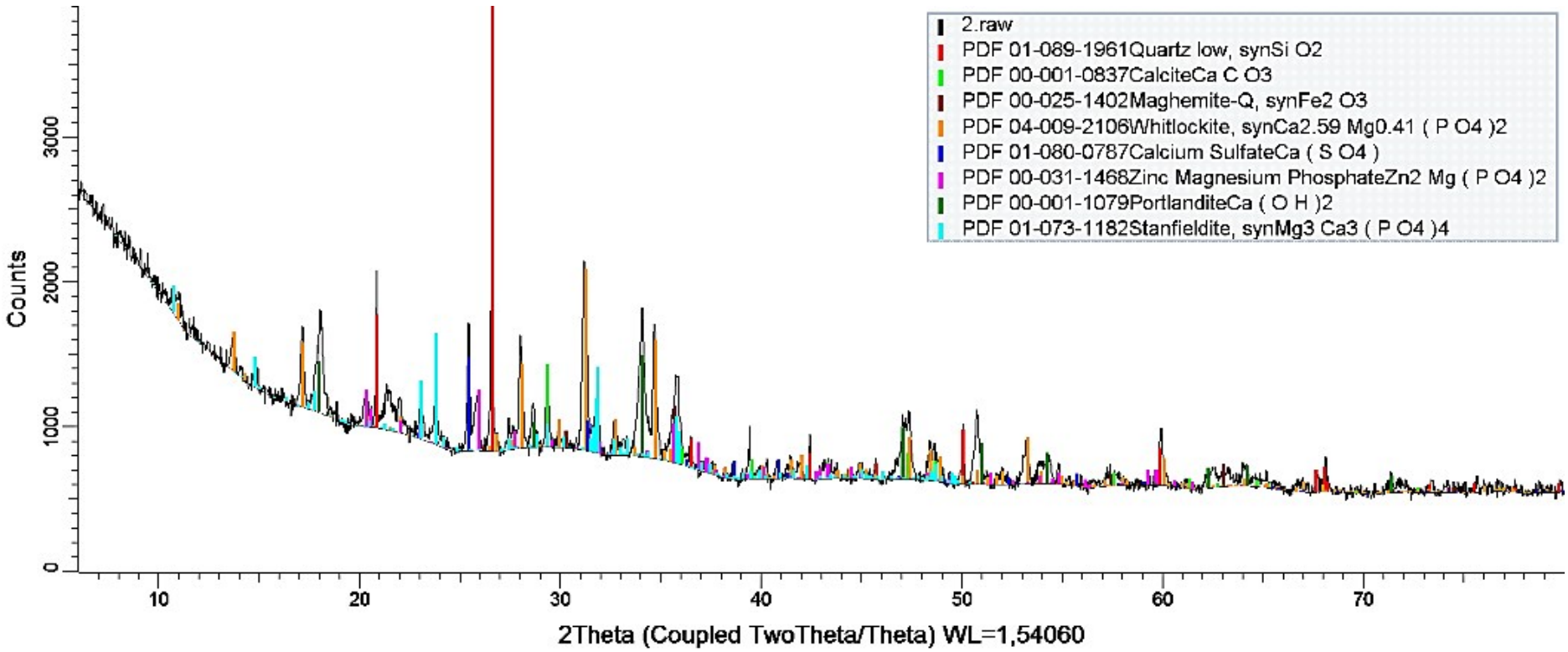

Fig. SM5. X-ray diffraction pattern of CFBC fly ash

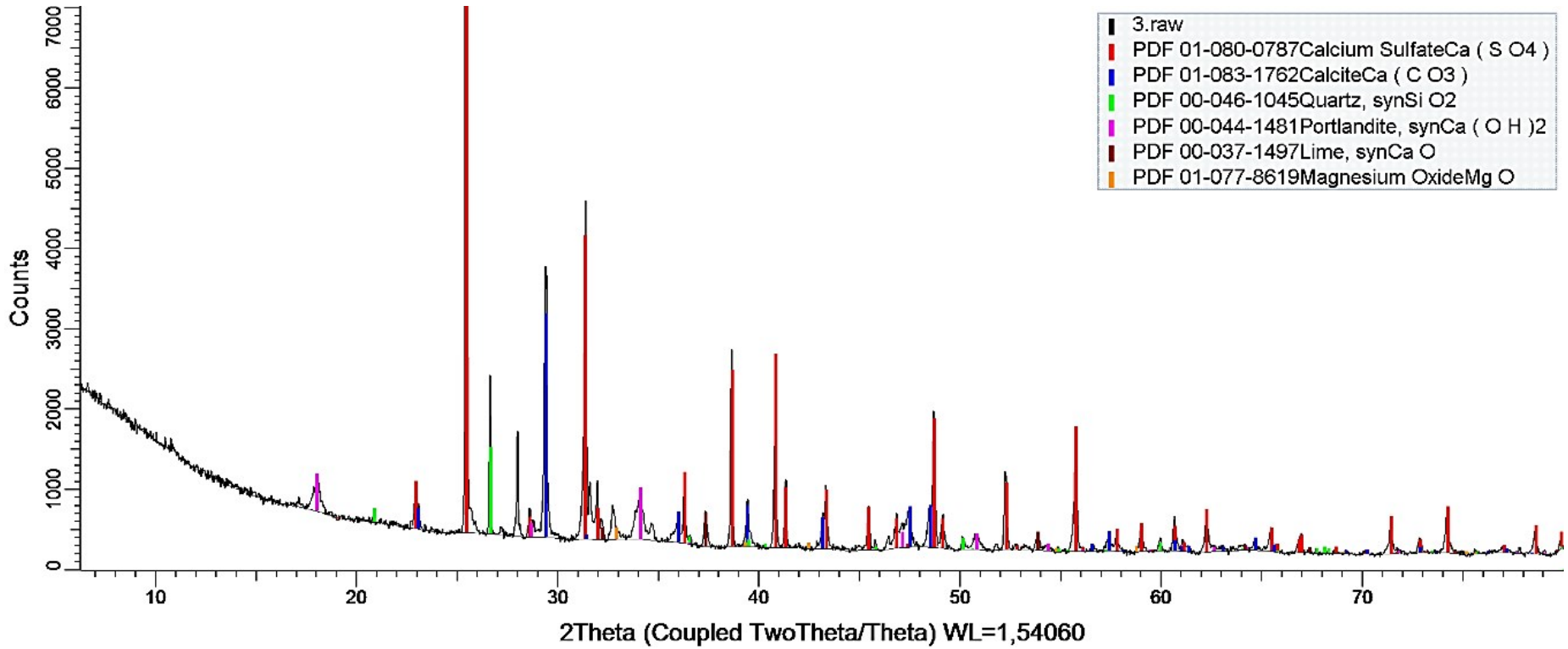

Fig. SM6. X-ray diffraction pattern of CFBC slag

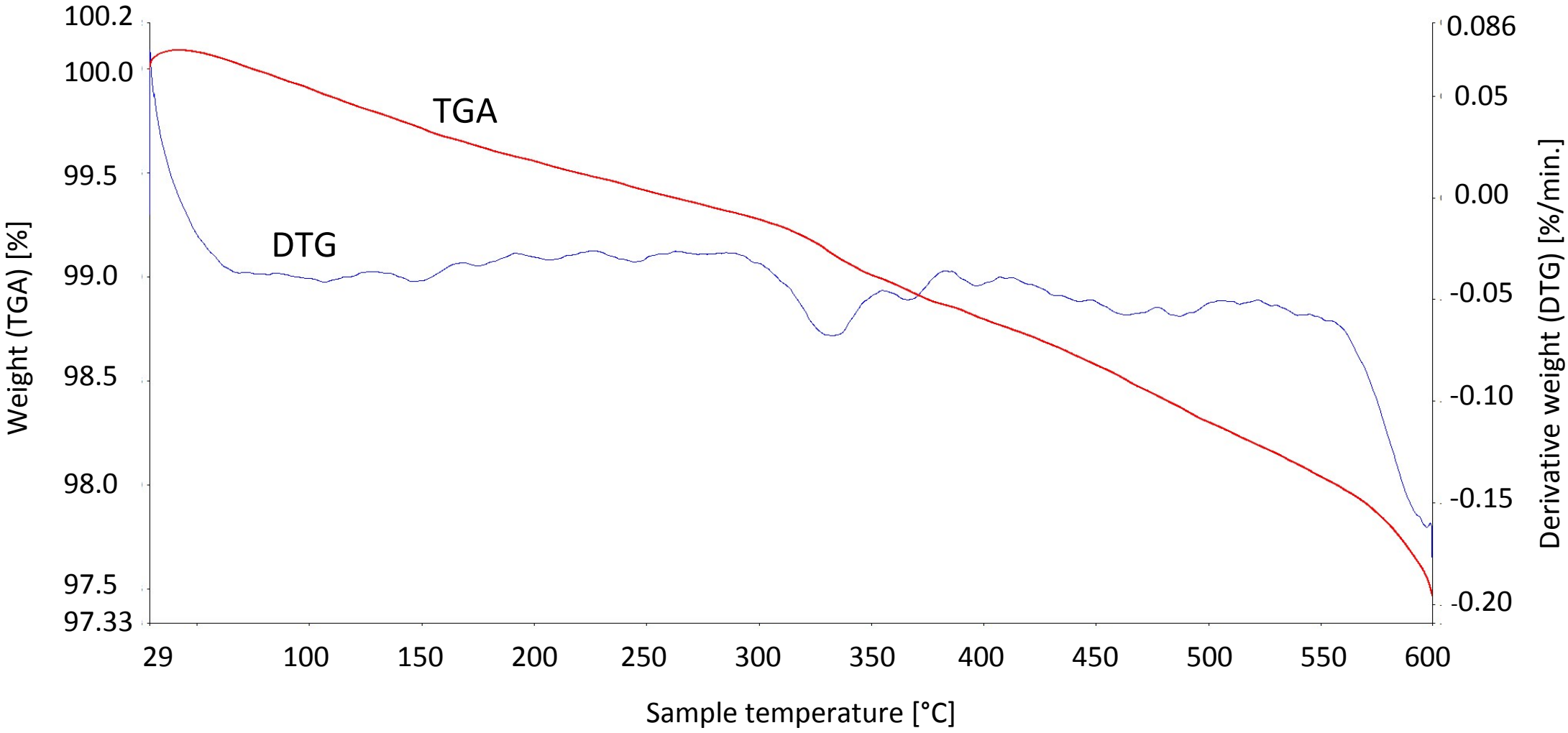

Fig. SM7. Thermogravimetric curves of CFBC fly ash

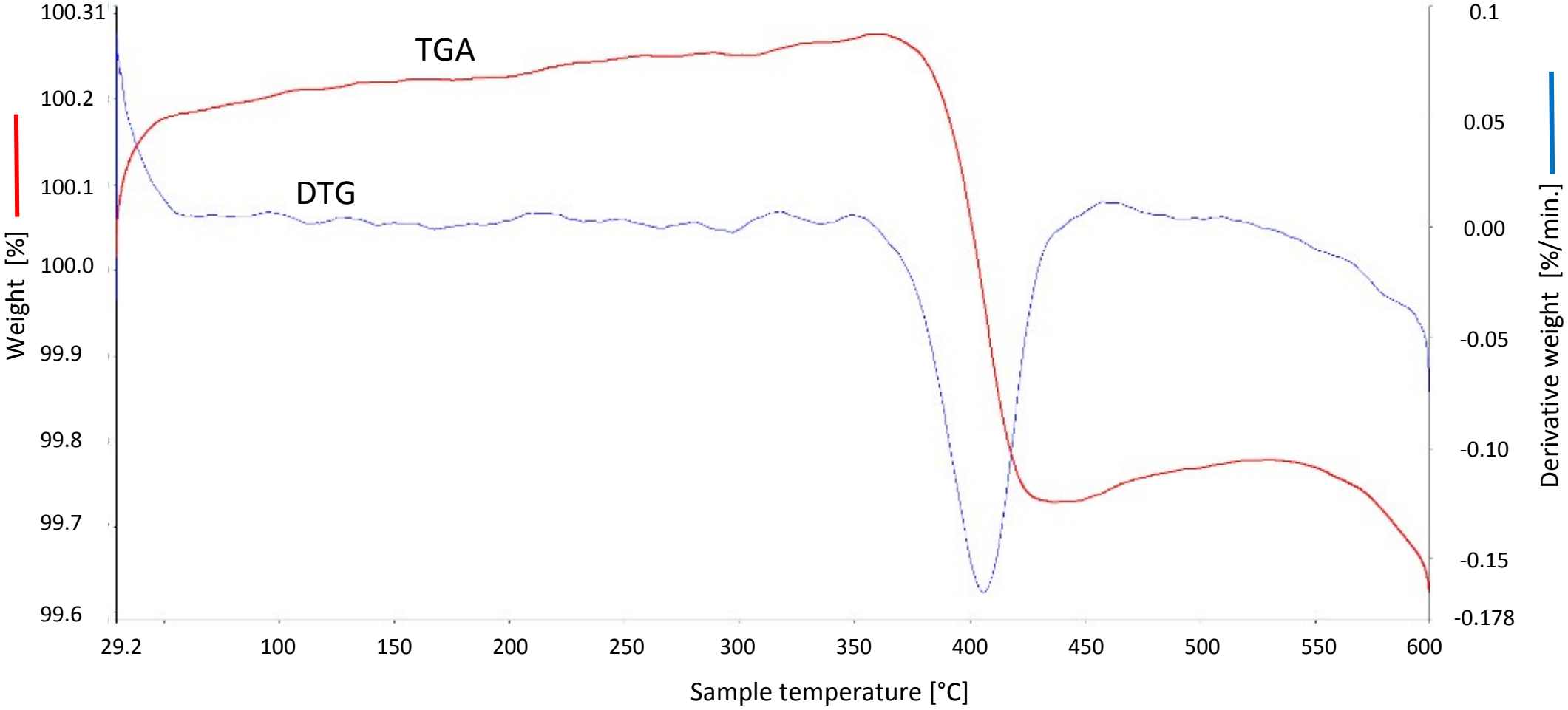

Fig. SM8. Thermogravimetric curves of CFBC slag

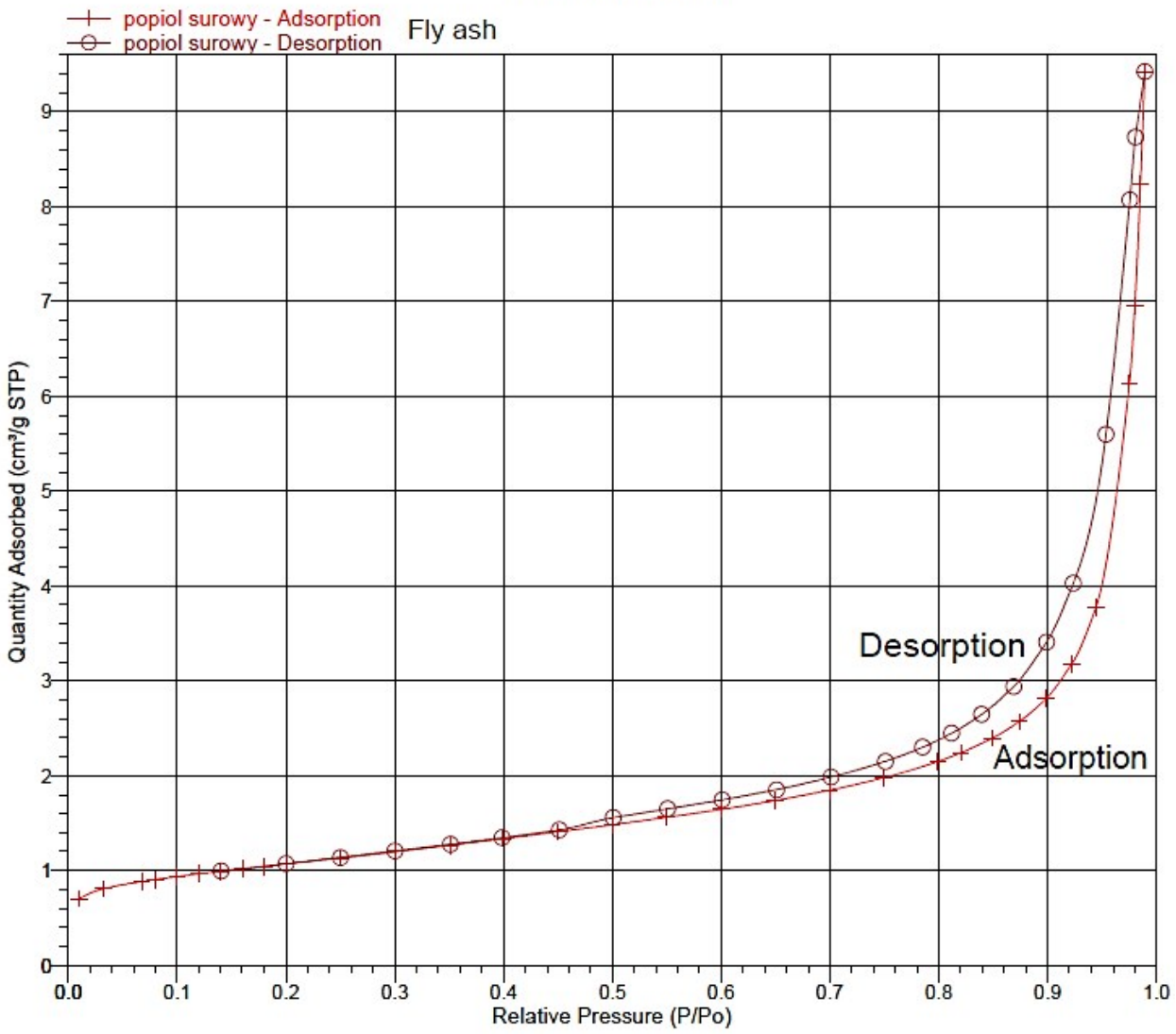

Fig. SM9. The low temperature BET adsorption and desorption isotherms of CFBC fly ash

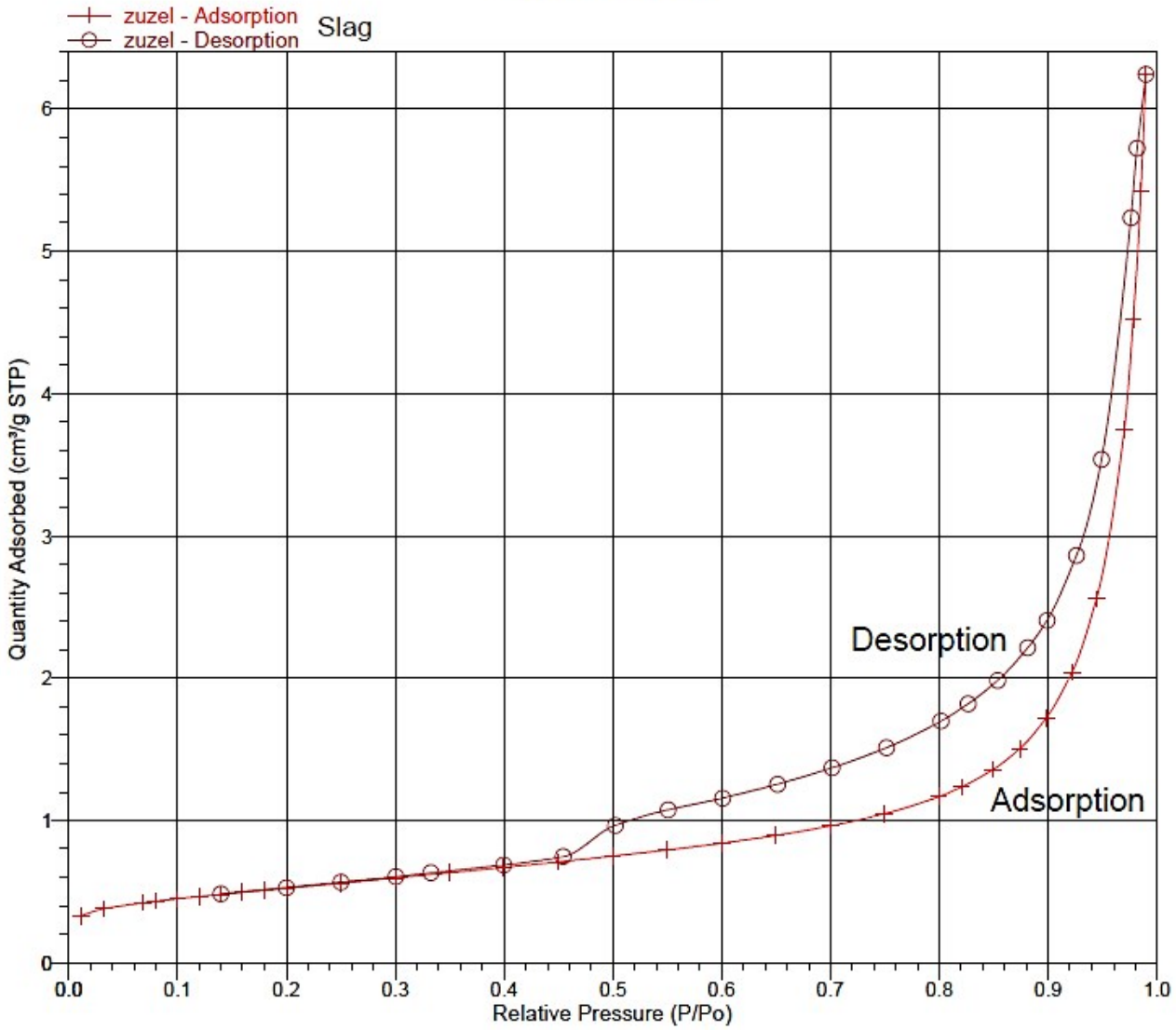

Fig. SM10. The low temperature BET adsorption and desorption isotherms of CFBC slag

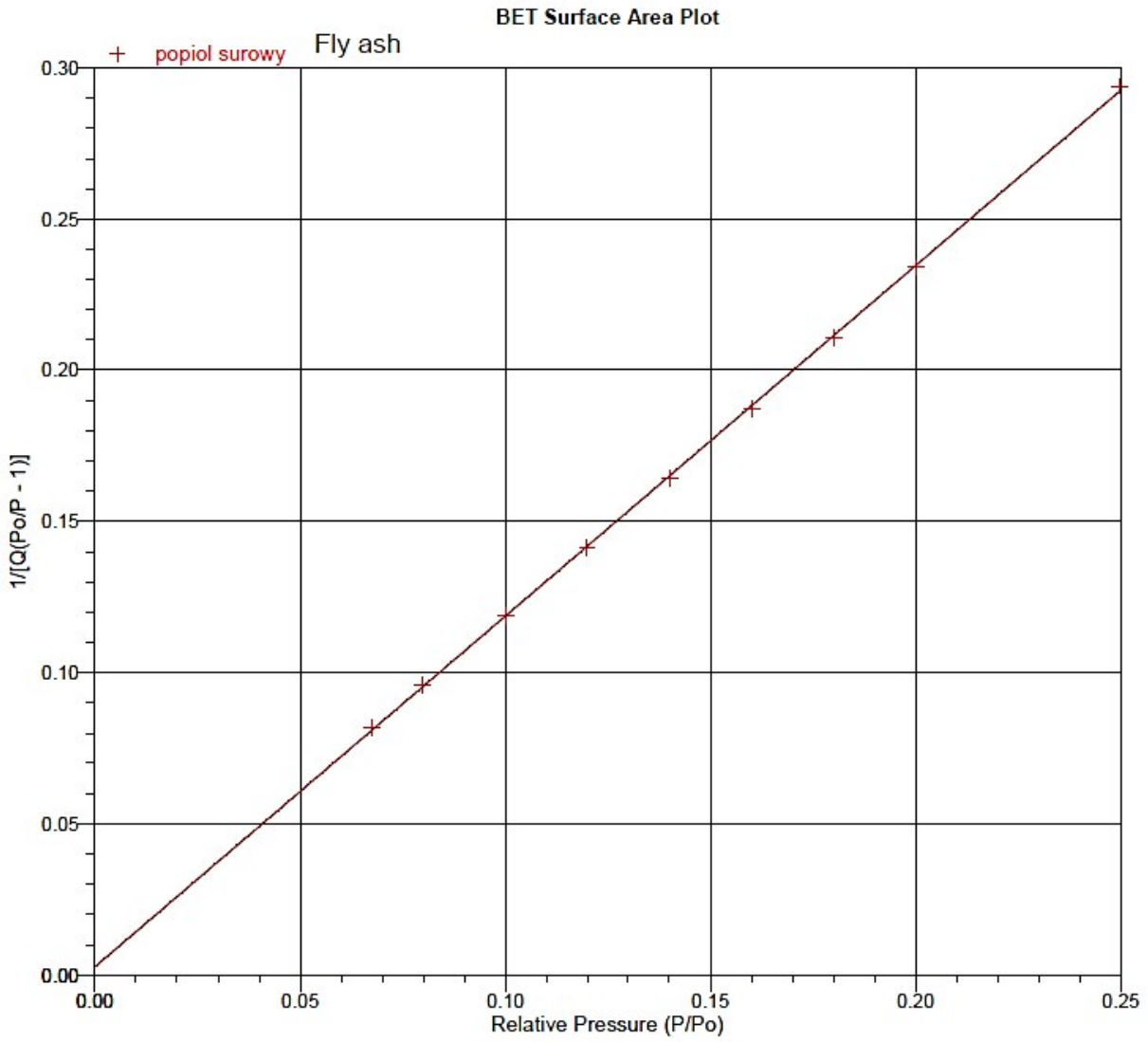

Fig. SM11. The linear BET isotherm of CFBC fly ash

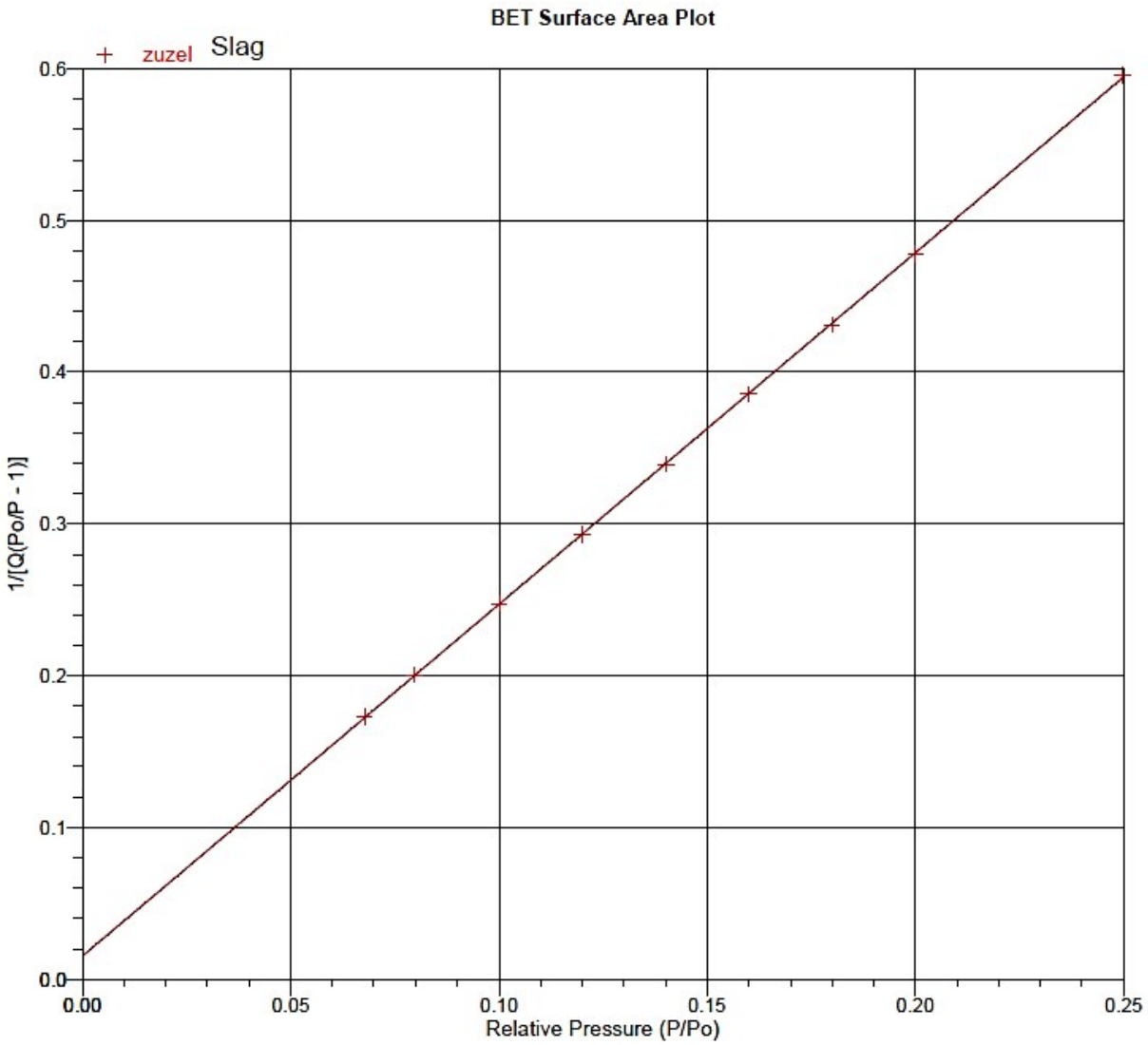

Fig. SM12. The linear BET isotherm of CFBC slag

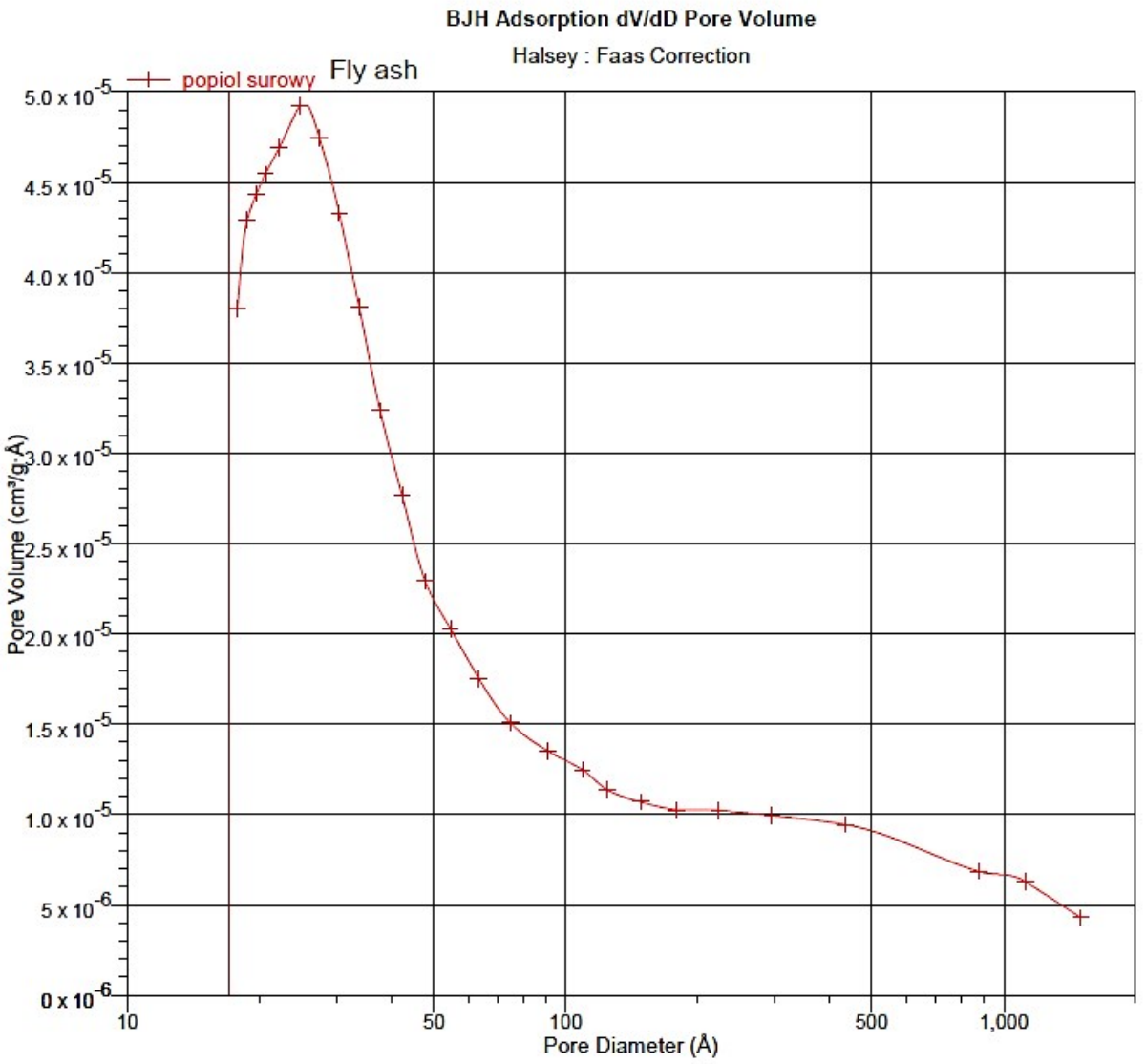

Fig. SM13. The BJH adsorption isotherm of CFBC fly ash

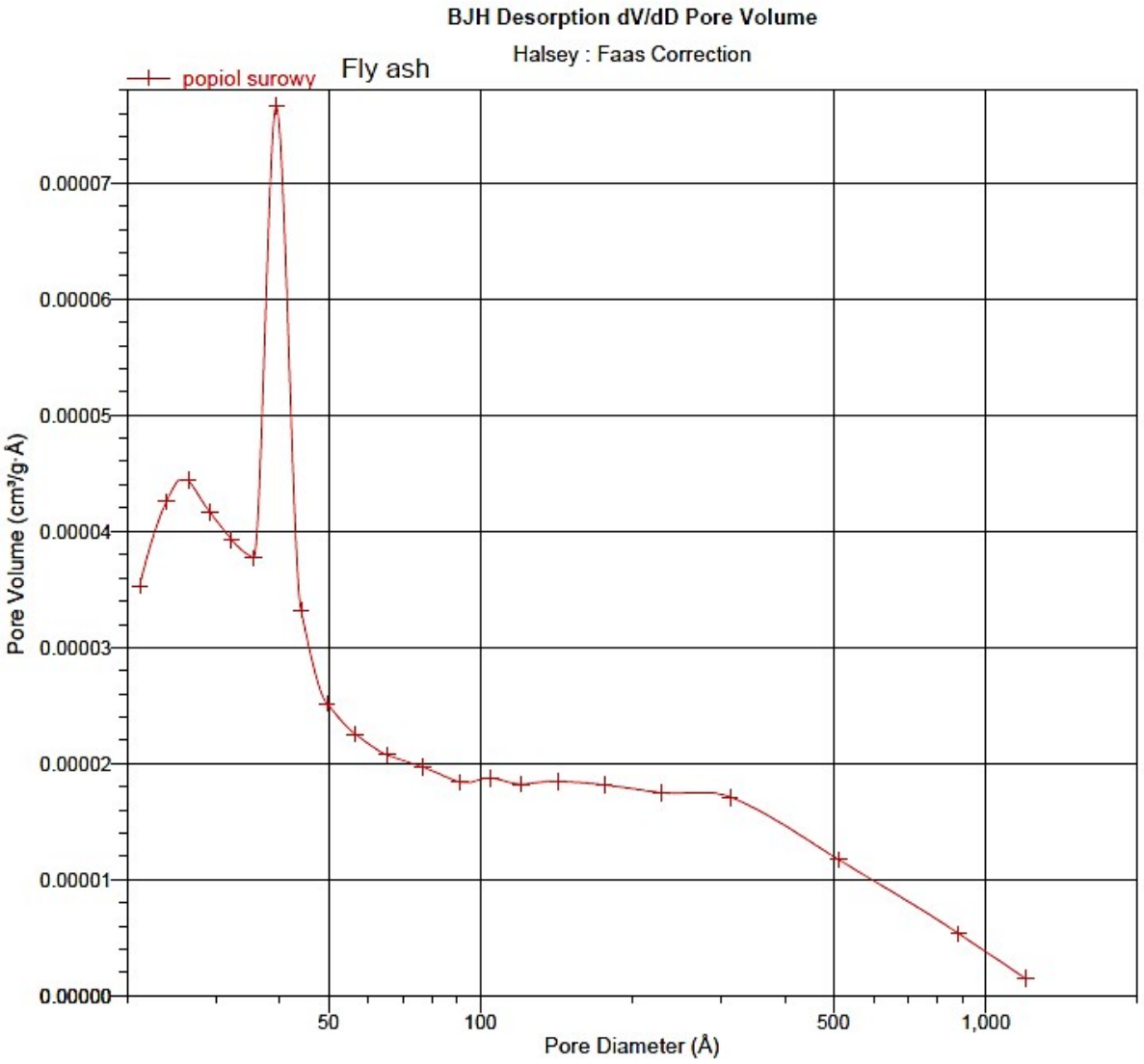

Fig. SM14. The BJH desorption isotherm of CFBC fly ash

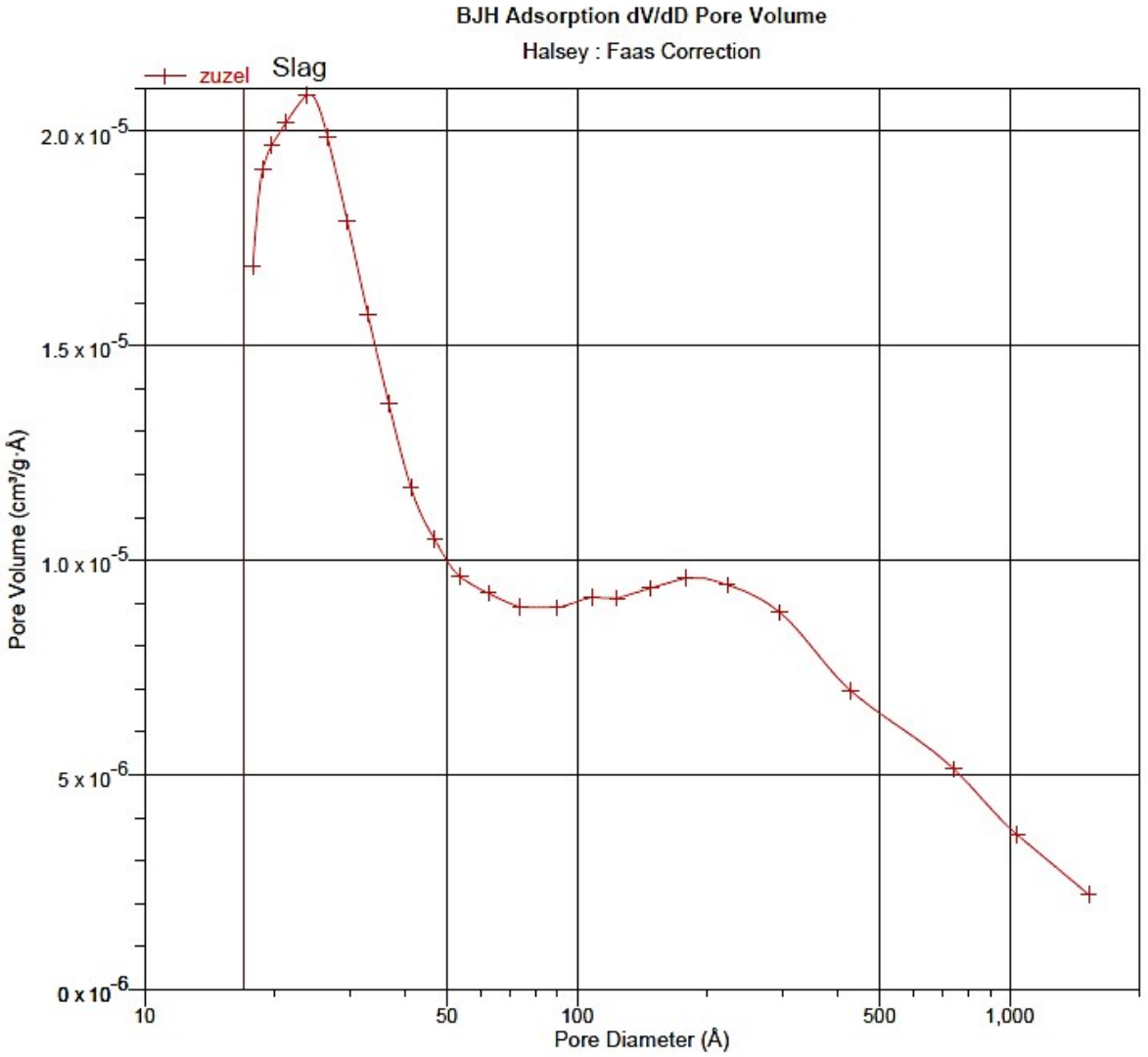

Fig. SM15. The BJH adsorption isotherm of CFBC slag

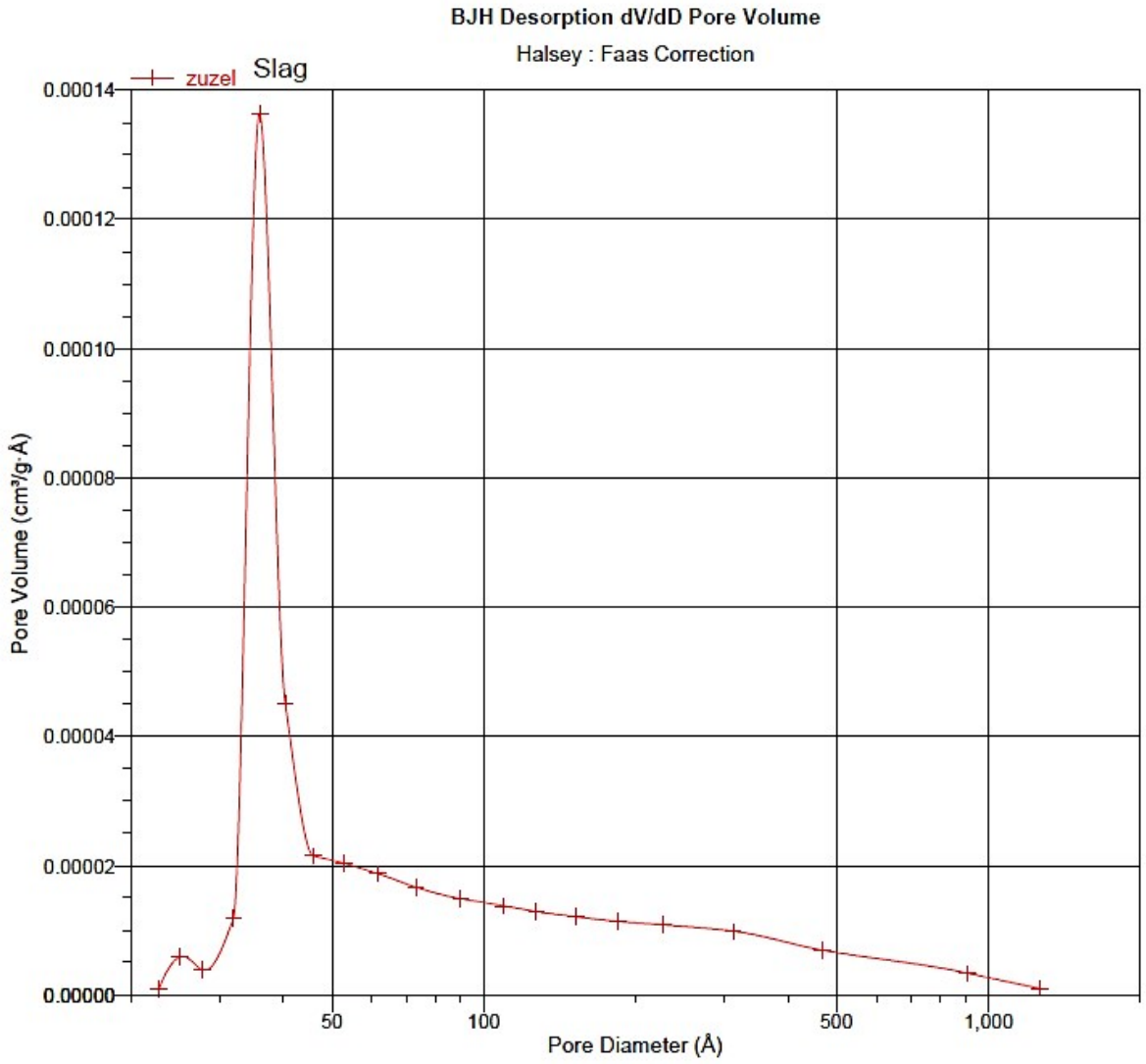

Fig. SM16. The BJH desorption isotherm of CFBC slag