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Tailoring Water Adsorption Capacity of APO-Tric

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Supplementary Materials

Table S1. Summary of crystallographic data and structure analyses of APO-Tric prepared at the elevated pressure.

Structure	APO-Tric-LT	APO-Tric-RT
Empirical formula	$C_5H_9Al_3FN_2O_{12}P_3$	$C_5H_9Al_3FN_2O_{12}P_3$
M_r	481.99	481.99
Cell setting, space group	Triclinic, P-1, No.2	Triclinic, P-1, No.2
Temperature (K)	150(1)	293(2)
a (Å)	9.0759(5)	9.0875(5)
b (Å)	9.2136(5)	9.2281(5)
c (Å)	9.2924(5)	9.3073(5)
α (°)	76.229(5)	76.515(5)
β (°)	87.188(4)	87.258(4)
γ (°)	89.565(4	89.442(4)
V (Å3)	753.79(7)	758.13(7)
Z	2	2
Dx (Mg m-3)	2.124	2.111
Radiation type, wavelength (Å)	Mo Kα, 0.71073	Mo Kα, 0.71073
μ (mm^{-1})	0.653	0.649
$F(000)$	484	484
Crystal form, colour	prism, colourless	prism, colourless
Crystal size (mm)	0.26 × 0.25 × 21	0.26 × 0.25 × 21
Absorption correction	multiscan	multiscan
No. of measured and indep. reflec.	7184, 3932	6652, 3925
No of ($F^2 > 2.0\sigma(F^2)$) reflections	3337	3308
R_{int}	0.027	0.024
θ range (°)	2.8–30.5	3.1–30.3
Full-matrix refinement on	F^2	F^2
R[$F^2 > 2\sigma(F^2)$], wR(F2), S	0.036, 0.099, 1.03	0.035, 0.101, 1.05
$\Delta\rho_{max}$, $\Delta\rho_{min}$ (eÅ^{-3})	0.68, −0.56	0.45, −0.48
No. of parameters	237	237
No. of contributing reflections	3932	3925

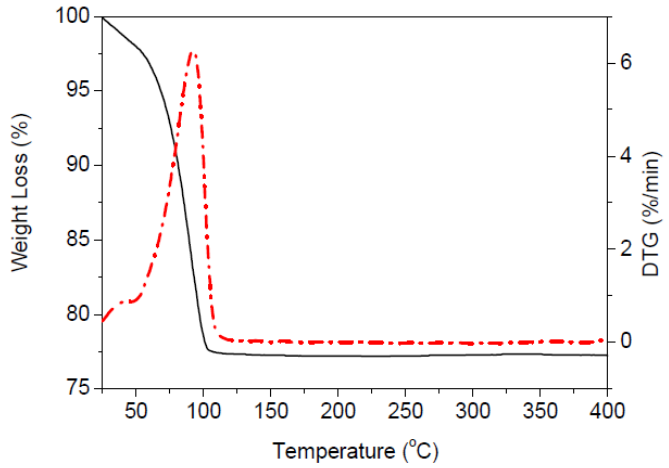

Figure S1. TG/DTG curves of hydrated APO-Tric-HT.

Supplementary Materials: Table S1: Summary of crystallographic data and structure analyses of APO-Tric prepared at the elevated pressure. Figure S1: TG/DTG curves of hydrated APO-Tric-HT

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