



Fig. 4. Colloid titration curves of Na-CAS aqueous solution by the KAN base solutions (1) with different amount of HCl added for the protonation of 1, 2, 3 and 4 amino groups respectively 2, 3, 4 and 5.

$$z = [\text{Na-CAS}] : ([\text{KAN}] + [\text{Na-CAS}])$$