

Table 1. The measured DRHs and ERHs of NaCl, KCl, (NH₄)₂SO₄, Na₂SO₄, and KNO₃ deposited on TEM grids.

chemicals	NaCl		KCl		(NH ₄) ₂ SO ₄		Na ₂ SO ₄		KNO ₃			
purity	99.999%		99.999%		99.999%		99.99%		99.995%			
sample	Dry deposited	Nebulized	Dry deposited	Nebulized	Dry deposited	Nebulized	Dry deposited	Nebulized	Dry deposited	Nebulized		
(particle type) number of particles/total number of particles	(type 3) 15/15	(type 3) 8/8	(type 3) 5/5	(type 3) 15/15	(type 3) 9/9	(type 3) 9/9	(type 3) 6/6	(type 3) 8/8	(type 3) 30/30	(type 1) 32/120	(type 2) 84/120	(type 3) 4/120
DRH(%)	75.5	75.3	84.8	84.5	80.8	80.0	84.9	84.4	91.7	No DRH	90.7	90.7
ERH(%)	52.7~47.9	47.2~46.1	68.3~64.7	57.3~56.4	50.9~45.6	35.8~34.1	62.2~59.3	59.1~57.9	87.9-85.9	No ERH	No ERH	84.6-70.6
Other studies	Refs. 1		Refs. 2		Refs. 3		Refs. 4		Ref. 5			
DRH(%)	75.0~76.0		84.0~85.0		79.0~81.0		84.0~85.0		93.0	(type 1)		
ERH(%)	48.0~45.0		59.0~56.0		40.0~33.0		59.0~57.0		N/A	No DRH and ERH		

Refs. 1: Tang et al., *J. Geophys. Res.*, 102, 23269–23275, 1997.; Lee et al., *J. Aerosol Sci.* 31, 189–197, 2000.; Wise et al., *J. Geophys. Res.* 112, D10224, 2007.; Liu et al., *Anal.Chem.* 80, 633–642, 2008.; Joutsensaari et al., *Atmos. Chem. Phys.* 1, 51–60, 2001.; Tang et al., *Atmos. Environ.* 27A, 467–473, 1993.

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Ref. 5: Freney et al., *Aerosol Sci. Technol.* 43, 799–807, 2009.