

a	c	i	d	s
tastes sour	0-14	KBr	pH	green
H ⁺ or H ₃ O ⁺	tastes bitter	ions	7	neutral
strong acid	water + Salt	FREE	Arrhenius	amphoteric
Donates H ⁺	completely ionize	pH paper	greater than 7	pink
Phenolphthalein	indicator	OH ⁻	Brønsted-Lowry	less than 7

a	c	i	d	s
water + Salt	pH paper	neutral	less than 7	pink
Arrhenius	Donates H ⁺	green	H ⁺ or H ₃ O ⁺	indicator
7	accepts H ⁺	FREE	0-14	greater than 7
tastes sour	Brønsted-Lowry	weak acid	pH	ions
KBr	amphoteric	completely ionize	Phenolphthalein	tastes bitter

a	c	i	d	s
H ⁺ or H ₃ O ⁺	pink	completely ionize	pH	0-14
water + Salt	neutral	KBr	Donates H ⁺	indicator
amphoteric	accepts H ⁺	FREE	Arrhenius	7
Brønsted-Lowry	strong acid	green	OH ⁻	less than 7
tastes bitter	tastes sour	greater than 7	Phenolphthalein	HCl