

[H ₃ O ⁺] (M)	[OH ⁻] (M)	pH	pOH	Sample Solution	
10 ¹	10 ⁻¹⁵	-1	15		
10 ⁰ or 1	10 ⁻¹⁴	0	14	1 M HCl	acidic
10 ⁻¹	10 ⁻¹³	1	13		
10 ⁻²	10 ⁻¹²	2	12	gastric juice lime juice 1 M CH ₃ CO ₂ H (vinegar)	
10 ⁻³	10 ⁻¹¹	3	11	stomach acid	
10 ⁻⁴	10 ⁻¹⁰	4	10	wine orange juice	
10 ⁻⁵	10 ⁻⁹	5	9	coffee	
10 ⁻⁶	10 ⁻⁸	6	8	rain water	
10 ⁻⁷	10 ⁻⁷	7	7	pure water	neutral
10 ⁻⁸	10 ⁻⁶	8	6	blood	
10 ⁻⁹	10 ⁻⁵	9	5	ocean water baking soda	
10 ⁻¹⁰	10 ⁻⁴	10	4		
10 ⁻¹¹	10 ⁻³	11	3	Milk of Magnesia	
10 ⁻¹²	10 ⁻²	12	2	household ammonia, NH ₃	
10 ⁻¹³	10 ⁻¹	13	1	bleach	
10 ⁻¹⁴	10 ⁰ or 1	14	0	1 M NaOH	basic
10 ⁻¹⁵	10 ¹	15	-1		