

COOH (GLU) pk= 2,19	COOH	COO-	COO-	COO-	COO-	COO-	COO-
COOH (ASP) pk=3,86	COOH	COOH	COO-	COO-	COO-	COO-	COO-
COOH (ASP) pk=3,86	COOH	COOH	COO-	COO-	COO-	COO-	COO-
COOH (GLU) pk=4,25	COOH	COOH	COOH	COO-	COO-	COO-	COO-
COOH (GLU) pk=4,25	COOH	COOH	COOH	COO-	COO-	COO-	COO-
NH3+ (ASP) pk=9,82	NH3+	NH3+	NH3+	NH3+	NH2	NH2	NH2
NH3+ (LYS) pk= 10,53	NH3+	NH3+	NH3+	NH3+	NH3+	NH2	NH2
Gnd+ (ARG) pk=12,48	Gnd+	Gnd+	Gnd+	Gnd+	Gnd+	Gnd+	Gnd
Charge	A3+	A2+	A0	A2-	A3-	A4-	A5-