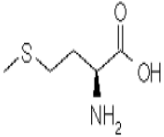
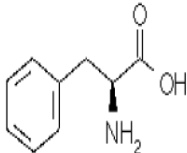
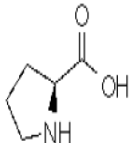
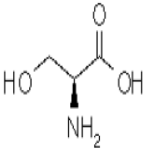
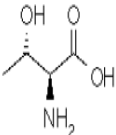


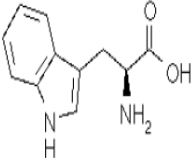
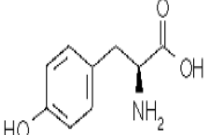
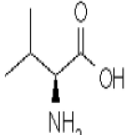
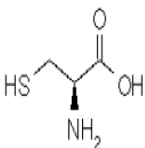
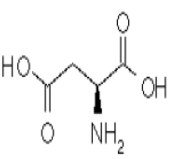
AMINO ACID REPORT

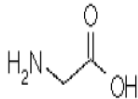
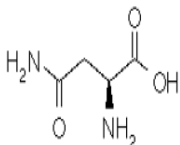
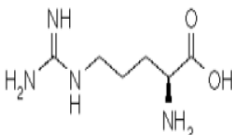
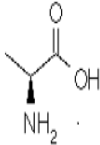
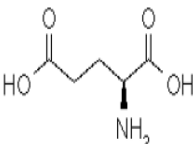


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NO	NAME	SYMBOL	FORMULA	IUPAC NAME	IMAGE
1	Histidine Az	H	C ₆ H ₉ N ₃ O ₂	(2S)-2-amino-3-(1H-imidazol-5-yl)propanoic	
2	isoleucine	I	C ₆ H ₁₃ NO ₂	(2S,3S)-2-amino-3-methylpentanoic acid	
3	Leucine	L	C ₆ H ₁₃ NO ₂	(2S)-2-amino-4-methylpentanoic acid	
4	Lysine	K	C ₆ H ₁₄ N ₂ O ₂	(2S)-2,6-diaminohexanoic acid	

NO	NAME	SYMBOL	FORMULA	IUPAC NAME	IMAGE
5	Methionine	M	C ₅ H ₁₁ NO ₂ S	(2S)-2-amino-4-methylsulfanylbutoic acid	
6	Phenylalanine	F	C ₉ H ₉ NO ₂	(2S)-2-amino-3-phenylpropanoic acid	
7	proline	p	C ₅ H ₉ NO ₂	(2S)-pyrrolidine-2-carboxylic acid	
8	serine	S	C ₃ H ₇ NO ₃	(2S)-2-amino-3-hydroxypropanoic acid	
9	Threonine	T	C ₄ H ₉ NO ₃	(2S,3R)-2-amino-3-hydroxybutanoic acid	

NO	NAME	SYMBOL	FORMULA	IUPAC NAME	IMAGE
10	Tryptophan	W	C ₁₁ H ₁₂ N ₂ O ₂	(2S)-2-amino-3-(1H-indol-3-yl)propanoic acid	
11	Tyrosine	Y	C ₉ H ₁₁ NO ₃	(2S)-2-amino-3-(4-hydroxyphenyl)propanoic	
12	Valine	V	C ₅ H ₁₁ NO ₂	(2S)-2-amino-3-methylbutanoic acid	
13	Cysteine	C	C ₃ H ₇ NO ₂ S	(2R)-2-amino-3-sulfanylpropanoic acid	
14	Aspartic acid	D	C ₄ H ₇ NO ₄	(2S)-2-aminobutanedioic acid	

NO	NAME	SYMBOL	FORMULA	IUPAC NAME	IMAGE
15	Glycine	G	C ₂ H ₅ NO ₂	2-aminoacetic acid	
16	Asparagine	N	C ₄ H ₈ N ₂ O ₃	(2S)-2,4-diamino-4-oxobutanoic acid	
17	Arginine	R	C ₆ H ₁₄ N ₄ O ₂	(2S)-2-amino-5-(diaminomethylideneamino)	
18	alanine	A	C ₃ H ₇ NO ₂	(2S)-2-aminopropanoic acid	
19	Glutamic Acid	E	C ₅ H ₉ NO ₄	(2S)-2-aminopentanedioic acid	

NO	NAME	SYMBOL	FORMULA	IUPAC NAME	IMAGE
20	asa	a	c4h6	2-amino	