

TABLE 2-3. Approximate composition of unaltered human hair by amino acid side-chain type.

Amino acid side-chain type*	Approximate micromoles per gram hair
1. <i>Hydrocarbon</i> (except phenylalanine) Glycine, alanine, valine, leucine, isoleucine, and proline	2,800
2. <i>Hydroxyl</i> Serine and threonine	1,750
3. <i>Primary amide + carboxylic acid</i> Primary amide (ammonia estimation)	1,450 1,125
Carboxylic acid (by difference)	325
4. <i>Basic amino acids</i> Arginine, lysine, and histidine	800
5. <i>Disulfide</i> Cystine	750
6. <i>Phenolic</i> Tyrosine	180

\*See Table 2-2.