



PRODUCT SPECIFICATION

Product : **H Pure (D-Biotin) USP36 / EP8**

Aspect : white crystalline powder

Synonym : D-Biotin

Formula : C₁₀H₁₆N₂O₃S

Identification : Identification A (IR): conform
Identification B (Reaction with bromine water): conform

Appearance of solution : Solutions S (EP) is clear and colorless

Assay : 98,5 % - 100,5 %

Specific optical rotation : + 89° - + 93°

Melting point : 229 -232°C

Related substances : any impurities shall not more than 0,5 %
at most one impurity more than 0,25 %

Heavy metals : less than 2 mg/kg

Lead : less than 2 mg/kg

Sulphated Ash : less than 0,1 %

Loss on drying : less than 0,5 %

OVI : conform to USP requirement

Solubility : very slightly soluble in water and in alcohol, practically insoluble in acetone. It dissolves in dilute solutions of alkali hydroxides

MSDS : available upon request