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| Nota di contenuto | 1.1.1.295 momilactone-A synthase -- 1.1.1.296 dihydrocarveol dehydrogenase -- 1.1.1.297 limonene-1,2-diol dehydrogenase -- 1.1.1.298 3-hydroxypropionate dehydrogenase (NADP+) -- 1.1.1.299 malate dehydrogenase [NAD(P)+] -- 1.1.1.300 NADP-retinol dehydrogenase -- 1.1.1.301 D-arabitol-phosphate dehydrogenase -- 1.1.1.302 2,5-diamino-6-(ribosylamino)-4(3H)-pyrimidinone 5'-phosphate reductase -- 1.1.1.303 diacetyl reductase [(R)-acetoin forming] -- 1.1.1.304 diacetyl reductase [(S)-acetoin forming] -- 1.1.1.305 UDP-glucuronic acid dehydrogenase (UDP-4-keto-hexauronic acid decarboxylating) -- 1.1.1.306 S-(hydroxymethyl) mycothiol dehydrogenase -- 1.1.1.307 D-xylose reductase -- 1.1.1.308 sulfopropanediol 3-dehydrogenase -- 1.1.1.309 phosphonoacetaldehyde reductase (NADH) -- 1.1.2.6 polyvinyl alcohol dehydrogenase (cytochrome) -- 1.1.2.7 methanol dehydrogenase (cytochrome c) -- 1.1.2.8 alcohol dehydrogenase (cytochrome c) -- 1.1.5.3 glycerol-3-phosphate dehydrogenase -- 1.1.5.4 malate dehydrogenase (quinone) -- 1.1.5.5 alcohol dehydrogenase (quinone) -- 1.1.5.6 formate dehydrogenase-N -- 1.1.5.7 cyclic alcohol dehydrogenase (quinone) -- 1.1.5.8 quinate dehydrogenase (quinone) -- 1.1.99.1 alcohol |

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Sommario/riassunto

Springer Handbook of Enzymes provides data on enzymes sufficiently well characterized. It offers concise and complete descriptions of some 5,000 enzymes and their application areas. Data sheets are arranged in their EC-Number sequence and the volumes themselves are arranged according to enzyme classes. This new, second edition reflects considerable progress in enzymology: many enzymes are newly classified or reclassified. Each entry is correlated with references and one or more source organisms. New datafields are created: application and engineering (for the properties of enzymes where the sequence has been changed). The total amount of material contained in the

Handbook has more than doubled so that the complete second edition consists of 39 volumes as well as a Synonym Index. In addition, starting in 2009, all newly classified enzymes are treated in Supplement Volumes. Springer Handbook of Enzymes is an ideal source of information for researchers in biochemistry, biotechnology, organic and analytical chemistry, and food sciences, as well as for medicinal applications.