

Full references:

D.E.A. Catcheside (1966) Genetic and biochemical studies in *Neurospora crassa*. Ph.D. Thesis, University of Birmingham U.K.

D.E.A. Catcheside (1971) A pleiotropic mutant of *Neurospora* supersensitive to amino acid purine and pyrimidine analogues. Proc. Austral. Biochem. Soc. 4 17.

\*35 mg/100 ml DL-5MT or the appropriate concentration of another amino acid, purine or pyrimidine analogue [Emerson A or a wild-type e.g. FGSC # 691 & 692 is a suitable control]. *5mts* is inhibited by 10-100 fold lower concentrations of analogue than *5mts*<sup>+</sup>. Approximate concentrations for 50% growth inhibition of *5mts* in 72 hr. in liquid Vogel's medium: 5 methyl DL tryptophan  $4 \times 10^{-4}$ M, 8 aza adenine  $4 \times 10^{-5}$ M, L-ethionine  $2 \times 10^{-6}$ M, L-canavanine  $5 \times 10^{-7}$ M.