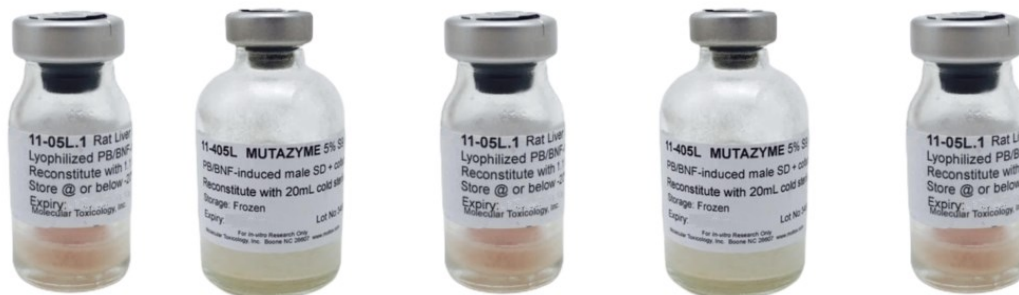


WHY PB/BNF S9 & MUTAZYME™?



PB/BNF S9 & MUTAZYME™

MOLTOX® S9 preparations and cofactor reagents for use in metabolic activation studies are manufactured to rigorous standards of quality and performance and are used by leading research, government and academic laboratories worldwide. S9 and associated cofactors supply metabolic activation otherwise not present in genetic toxicology test systems. Use in any assay that requires an exogenous source of metabolic activation.

Lyophilized and MUTAZYME™

Phenobarbital/5,6-Benzoflavone

Sprague Dawley Post mitochondrial supernatants prepared from Sprague Dawley male rat liver. Prepared using the treatment schedule of Matsushima, et. al. 1976. In: de Serres, F.J, et. al., editors. In Vitro Metabolic Activation in Mutagenesis Testing. Amsterdam (NL) Elsevier/North Holland p. 85-88.

1 ml	Lyophilized	1 each	Male Rat liver in 0.15M KCl	Freezer	11-05L.1
2 ml	Lyophilized	1 each	Male Rat liver in 0.15M KCl	Freezer	11-05L.2
5 ml	Lyophilized	1 each	Male Rat liver in 0.15M KCl	Freezer	11-05L.5

MUTAZYME™

20 ml	Lyophilized	1 each	10% S9 Mix, PB/PNF Induced	Freezer	11-404L
20 ml	Lyophilized	1 each	5% S9 Mix, PB/PNF Induced	Freezer	11-405L
3.25 ml	Lyophilized	1 each	30% S9 Mix, PB/PNF Induced	Freezer	11-406.3L

This is a commonly used S9. This induction shows similar activity and performance to Aroclor-1254 induced S9 which is no longer available.

Matsushima et al 1976—*A safe substitute for polychlorinated biphenyls as an inducer of metabolic activation system*