

S9 Certificate of Analysis – Specimen

Product Information

Product:	Phenobarbital/beta-Naphtoflavone induced rat liver S9 Postmitochondrial Supernatant, lyophilized
Article Numbers:	PRS-PB01, PRS-PB02
Lot:	XXXXXX
Expiry Date:	XX.XXXX
Storage:	-20°C or ≤ -70°C
Tissue/Lyophilization Buffer:	Liver / 0.05 M Tris HCl pH 7.4
Protein Concentration:	30.2 mg/ml 1
Country of Origin:	Switzerland

Quality Control Results

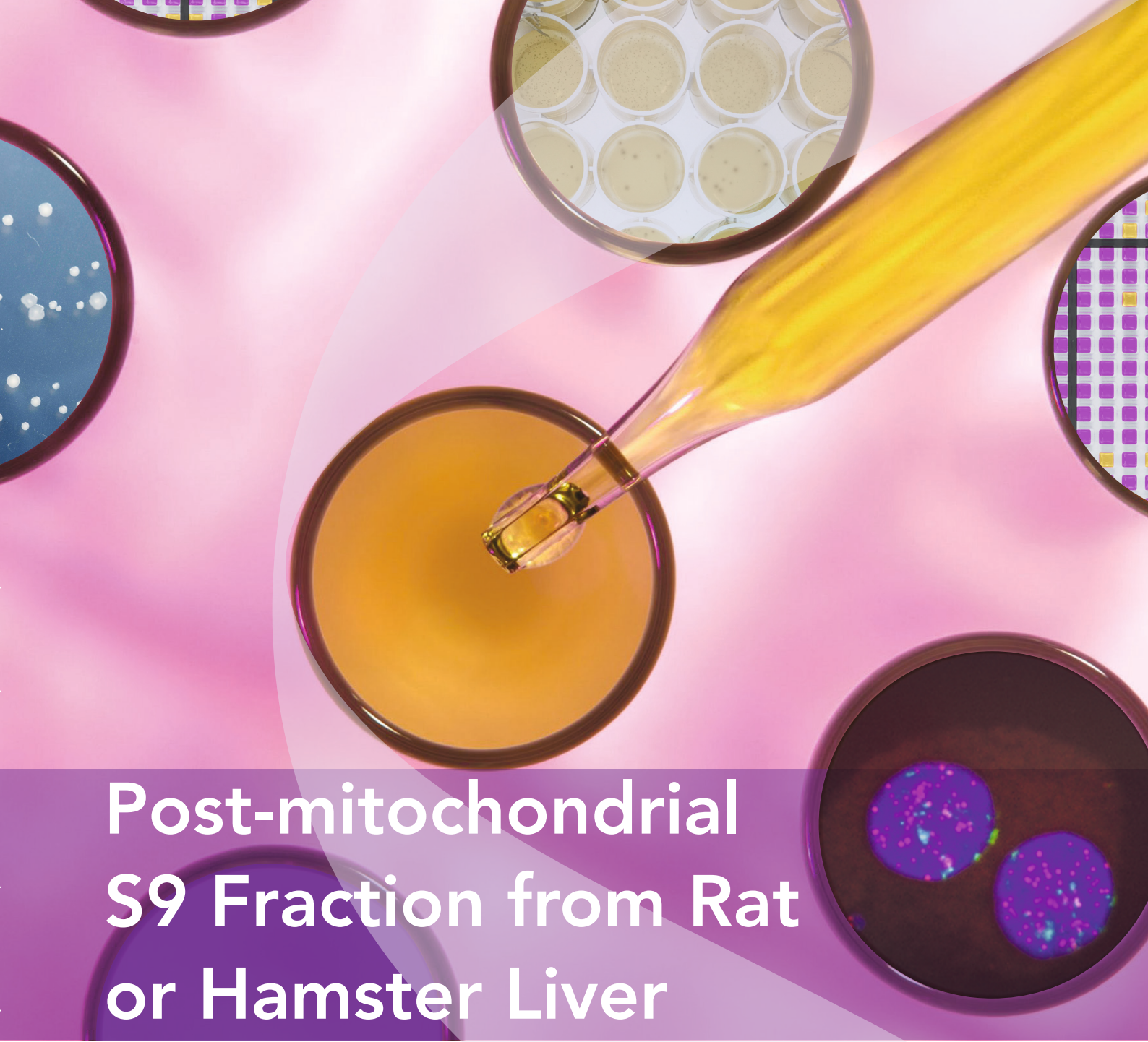
Positive Controls' Dose Responses			Average Number of Revertants/48 wells			
2-Aminoanthracene concentration (PPC-AA01, µg/ml)						
Strain	0	0.25	0.5	1.0	2.0	Acceptance
TA98 ²	3.0	47.7	48.0	48.0	48.0	Passed
2-Aminoanthracene concentration (PPC-AA01, µg/ml)						
Strain	0	0.625	1.25	2.5	5.0	Acceptance
TA100 ^{2,3}	4.0	48.0	48.0	48.0	48.0	Passed
TA1535 ²	0.3	39.0	43.3	44.3	44.3	Passed
TA1537 ^{2,3}	1.0	14.7	24.7	31.7	31.0	Passed
TAMix ⁴	0.8	29.3	44.3	47.3	47.7	Passed
2-Aminofluorene concentration (PPC-AF10, µg/ml)						
Strain	0	50	100	200	400	Acceptance
EC Combo2	6.0	20.7	24.3	24.7	27.0	Passed
<i>E. coli</i> WP2 uvrA[pKM101] ²	4.0	22.3	22.7	27.7	33.3	Passed
benzo[a]pyrene concentration (µg/ml)						
Strain	0	1.25	2.5	5.0	10.0	Acceptance
TA98 ²	1.0	11.7	12.0	20.3	28.3	Passed
Sterility ^a						Passed

^a: suitable for Ames MPF™/Ames II/Ames Agar Plate test, not tested for other applications.

Certificate with MicroAmes6, MacroAmes1 or Hamster S9 available

S9 Products available:

Art.Number	Product Name	Volume
PRS-PB01	Phenobarbital/ -Naphtoflavone induced lyophilized rat liver S9	1 ml
PRS-PB02	Phenobarbital/ -Naphtoflavone induced lyophilized rat liver S9	2 ml
PRS-H-PB05LY	Phenobarbital/ -Naphtoflavone induced lyophilized hamster liver S9	5 ml
PRS-BB01	S9-100/1537 Booster Solution to reduce S9 toxicity in TA100, TA1537	0.5 ml
PCO-0800	S9 Cofactor Kit (S9-Buffer-Salts, S9-G-6-P, S9-NADP)	25 ml



Post-mitochondrial
S9 Fraction from Rat
or Hamster Liver

- Phenobarbital/ beta-Naphtol induced rat or hamster liver S9
- Carefully lyophilized with competence resulting in a high quality S9 product
- Quality controlled in 7 Ames Tester Strains: TA98, TA100, TA1535, TA1537, TAMix, E.coli WP2 uvrApKM[101], E.coli Combo (uvrA and pKM[101] mixed).

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