

**CultS9R** | Cultivated, cell line-derived rat liver S9 fraction

**Certificate of analysis** | 109106A0Z

CultS9R is an *in vitro* metabolisation agent produced in a proprietary rat liver cell-based process and under animal-free conditions. The vial contents a lyophilisate with 20 mg protein, which is reconstituted in 0.5-2 mL, but preferably 1 mL sterile ddH<sub>2</sub>O.

**Appearance upon reconstitution**

Colour:	brownish white	(passed)
Sterility:	sterile	(passed)
Appearance:	milky emulsion	(passed)

**Alkylresorufin O-dealkylase activities (conversion rate):**

**MROD:** 115.5 ± 32.8 pmol·mg<sup>-1</sup>·min<sup>-1</sup>

**EROD:** 941.6 ± 189.8 pmol·mg<sup>-1</sup>·min<sup>-1</sup>

**BROD:** 51.7 ± 8.5 pmol·mg<sup>-1</sup>·min<sup>-1</sup>

**PROD:** 17.4 ± 2.7 pmol·mg<sup>-1</sup>·min<sup>-1</sup>

