**Reverse Mutation Test of PROJECT 1 in Bacteria**

**SUMMARY AND CONCLUSION**

The mutagenicity of PROJECT 1 was examined in the presence (with metabolic activation) and absence (without metabolic activation) of S9 Mix using Salmonella typhimurium TA100, TA98, TA1535, and TA1537, as well as Escherichia coli WP2 uvrA.

The test article inhibited the growth of TA100, TA1535 and TA1537 at 5000 μg/plate, but not of TA98, WP2 uvrA without metabolic activation, and the growth inhibition was not shown in all strains with metabolic activations.

At doses of 156 to 5000 μg/plate (as free form), PROJECT 1 did not increase the mean number of revertant colonies by two-fold that in the vehicle control group for any bacterial strain tested, regardless of the presence or absence of metabolic activation.

These results indicate that PROJECT 1 has no mutagenic potential.