

Evaluation of Taste Masking Efficiency

For over 30 years, AAIPharma has provided analytical pharmaceutical services to biotech and pharmaceutical companies. The array of services includes clinical and pharmaceutical services such as clinical packaging and distribution; sterile & solid dose contract manufacturing, and formulation development for parenteral and oral drug delivery systems and technologies.



The Formulation Development Laboratory (FDL) of AAIPharma (Wilmington, NC – USA), partners with our pharmaceutical and biotech customers to formulate new drug products for a variety of purposes including early phase clinical trials.

For a specific formulation project aimed at masking the bitter taste of an active drug substance in an oral powder for suspension reconstitution, FDL prepared various formulations and outsourced the taste evaluation to MOS.

Using the Electronic Tongue, the taste of 4 formulations containing different sweeteners flavours was compared to corresponding without active substance.

Dr Emily Principal at AAIPharma comments: outsourcing masking study

MOS, we were able to quickly discern a placebo vehicle that masked the taste of the active drug substance well without the safety concerns of human taste testing. Alpha MOS provided excellent customer service, a scientific report that we were able to pass on to our client, and an excellent presentation and explanation of the E-tongue results".

“We were able to quickly discern a placebo vehicle that masked the taste of the active drug substance well without the safety concerns of human taste testing”

Alpha
ASTREE
Tongue,
different
distinctly
and
the
placebo
drug
Ware,
Scientist
FDL,
“by
the taste
to Alpha

AAIPharma



Activity

Analytical pharmaceutical services to biotech and pharmaceutical companies

Context

Mask the bitter taste of an active drug substance in an oral powder

Equipment

ASTREE Electronic Tongue

User contact

Dr Emily Ware,
Principal Scientist at AAIPharma
FDL

Website

<http://aaipharma.com>