

Testing of Bee Products



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This testing is carried out by MS3 Solutions, as a sub-contractor to ALS Analytica Laboratories.

In principle, the testing is undertaken on the basis that it is a low volume/ infrequent test where the customer interface including invoicing is managed by Analytica, and the analysis is managed by MS3 Solutions. Revenues will be split 50/50 while the testing is being undertaken in this way.

Were volumes ever to increase to be significant in an ongoing way, the parties may agree that Analytica will take over the testing with MS3 Solutions paid a royalty per test.

Melettin (Bee Venom)

Melettin is the major protein found in bee venom, and is expected to make up approximately 50% of a sample of pure bee venom by weight.

The method is validated for bee venom and honey. The method is not accredited.

Sample volumes required are:

- Bee venom: 0.1g
- Honey: 30-50g

Detection limits are:

- Bee venom: 5ug/L which is equivalent to 5ng/g of melittin in bee venom
- Honey: 0.8ug/g

10-HDA (Royal Jelly)

10-HDA is the most common protein to be associated with Royal Jelly.

The method is validated for royal jelly. The method is not accredited.

Sample volumes required are:

- Royal jelly: 0.5-1g

Detection limits are:

- 40ug/g (o.u% w/w)

