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# SIRIM/MOA STANDARD



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## SIRIM/MOA 2:2017

ICS: 71.020

### **Good practice for the production of herbal extracts - Aqueous and/or ethanolic extraction**

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Ministry of Agriculture and Agro-Based Industry Malaysia

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## SIRIM/MOA 2:2017

### Foreword

The development of SIRIM/MOA 2:2017 on the production of herbal extracts was funded by the Ministry of Agriculture and Agro-Based Industry Malaysia (MOA).

This standard was developed by the Project Committee on Industry Standards for Herbs established by SIRIM Berhad.

This standard was developed with the main objectives to:

- a) recommend good practice to herbal industries on optimising the production of herbal extracts; and
- b) standardise the extraction process of herbal substances among the industries.

The practice outlined in this standard was based on the findings and results of survey including feedback from various consultation with field experts, interviews and visits to identified companies/organisations and stakeholder consultation. Reference was made to industry best practices and other established and relevant documents related to herbs.

This standard will be subjected to review to reflect current needs and conditions. Users and other interested parties may submit comments on the contents of this standard for consideration in future versions.

### Information to assist users of the standard

For the purposes of this standard, the following ISO definitions have been adopted regarding verbal forms for the expression of provisions:

- a) “**shall**” indicates an auditable **requirement**: it is used to indicate requirements strictly to be followed in order to conform to the document and from which no deviation is permitted;
- b) “**should**” indicates a **recommendation**: it is used to indicate that among several possibilities one is recommended as particularly suitable, without mentioning or excluding others, or that a certain course of action is preferred but not necessarily required, or that (in the negative form) a certain possibility or course of action is deprecated but not prohibited;
- c) “**may**” indicates a **permission**: it is used to indicate a course of action permissible within the limits of the document; and
- d) “**can**” indicates a **possibility** or a **capability**: it is used for statements of possibility and capability, whether material, physical or causal.

Compliance with this standard does not by itself grant immunity from legal obligations.