ISO 4754:2022-11 (E)

Traditional Chinese medicine - Fermented Cordyceps powder

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Recommendations and requirements 2
4.1 Characteristics 2
4.2 Thin-layer chromatography (TLC) identification 2
4.3 High-performance liquid chromatography (HPLC) identification 2
4.4 Amino acid analyser identification 2
4.5 Heavy metals 2
4.6 Loss on drying 2
4.7 Residue on ignition 2
4.8 Microbial limit 2
4.9 Aflatoxins 2
4.10 Content of total amino acids 2
4.11 Content of mannitol 2
4.12 Content of adenosine 2

5 Test method 3
5.1 Characteristics 3
5.2 TLC identification 3
5.3 HPLC identification 3
5.4 Amino acid analyser identification 3
5.5 Determination of heavy metals 3
5.6 Determination of loss on drying 3
5.7 Determination of residue on ignition 3
5.8 Microorganism examination 3
5.9 Determination of aflatoxin 3
5.10 Determination of total amino acids 3
5.11 Determination of mannitol 3
5.12 Determination of adenosine 4

6 Test report 4

Annex A (informative)Testmethodforidentificationbythinlayerchromatography(TLC) 5

Annex B (informative) Test method for identification by high-performance liquid chromatography(HPLC) 7

Annex C (normative)Testmethodfordeoxyribonucleicacid(DNA)sequencing 10

Annex D (informative)TestmethodforadenosinebyHPLC 12

Annex E (informative)Referencevaluesofnationalandregionallimitsofheavymetals, microbiologicalexaminationandaflatoxins 14

Bibliography 16