

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	Terms and definitions	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) Test method for identification by thin layer chromatography (TLC)		5
Annex B (informative) Test method for identification by high-performance liquid chromatography (HPLC)		7
Annex C (normative) Test method for deoxyribonucleic acid (DNA) sequencing		10
Annex D (informative) Test method for adenosine by HPLC		12
Annex E (informative) Reference values of national and regional limits of heavy metals, microbiological examination and aflatoxins		14
Bibliography		16