

Product Name: *Pure Cordyceps*TM

Species Level Identification - Cordyceps sinensis

Aloha Medicinals Cordyceps sinensis strain CSS is 100% genetic match with NCBI genebank entry Accession AY 245638.1 - Cordyceps sinensis strain CCRC36421 - ITS1 18S ribosomal RNA gene

Accession Description

	<u>Max</u>	<u>Total</u>	<u>Query</u>	<u>E</u>	<u>Max</u>
	<u>score</u>	<u>score</u>	<u>coverage</u>	<u>value</u>	<u>ident</u>
AY245638.1	627	627	100%	2e-176	100%
Cordyceps sinensis strain CCRC36421 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence					

Alignments

Select All Get selected sequences Distance tree of results Multiple alignment

Score = 627 bits (339), Expect = 2e-176
 Identities = 339/339 (100%), Gaps = 0/339 (0%)
 Strand=Plus/Plus

Query	1	GCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAAT	60
Sbjct	218	GCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAAT	277
Query	61	CATCGAATCTTTGAACGCACATTGCGCCCGCCAGTATTCTGGCGGGCATGCCTGTTCGAG	120
Sbjct	278	CATCGAATCTTTGAACGCACATTGCGCCCGCCAGTATTCTGGCGGGCATGCCTGTTCGAG	337
Query	121	CGTCATTTCAACCCTCAAGCCCCAGCGGCTTGGTGTGGGGACCGCCCCGGCCGCCCC	180
Sbjct	338	CGTCATTTCAACCCTCAAGCCCCAGCGGCTTGGTGTGGGGACCGCCCCGGCCGCCCC	397
Query	181	CAAATGCAGTGGCGACCTCGCCGCAGCCTCCCCTGCGTAGTAGCACAACCTCGCACCGGAG	240
Sbjct	398	CAAATGCAGTGGCGACCTCGCCGCAGCCTCCCCTGCGTAGTAGCACAACCTCGCACCGGAG	457
Query	241	CGCGGAGACGGTCACGCCGTA AAAACGCCCAACTTCTCAGAGTTGACCTCGGATCAGGTAG	300
Sbjct	458	CGCGGAGACGGTCACGCCGTA AAAACGCCCAACTTCTCAGAGTTGACCTCGGATCAGGTAG	517
Query	301	GAATACCCGCTGAACTTAAGCATATCAATAAGCGGAGGA	339
Sbjct	518	GAATACCCGCTGAACTTAAGCATATCAATAAGCGGAGGA	556

Typical DNA Identification as supplied with each lot