



ANALYTICAL REPORT

TO: Aloha Medicinals
2300 Arrowhead Drive
Carson City, NV 89706
EMAIL: john@alohamedicinals.com
DATE: August 7, 2008

Sample: CSX	Lot Number: CSX081470
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Analyte	Result	Unit
Polysaccharides	823.1	mg / g
Beta-1,3/1,6-glucan	418.2	mg / g
Alpha-glucan	33.5	mg / g

Polysaccharides analysis performed following hydrolysis in sealed tubes with 2 MTF A at 100°C for 5 h. The hydrolyzates were evaporated to dryness. The residue was repeatedly evaporated with methanol until the acid had been completely removed. The molar ratios of neutral sugars were determined by converting them to their alditol acetates which were separated and quantified by GC on a DB-225 fused silica capillary column at 210°C (15 m X 0.25 mm, J&W Scientific). Standard reference materials obtained from Sigma-Aldrich. Beta-glucan analysis performed using Megazyme glucan test kit.

Dinesh Patel, Ph.D.
Laboratory Director

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