



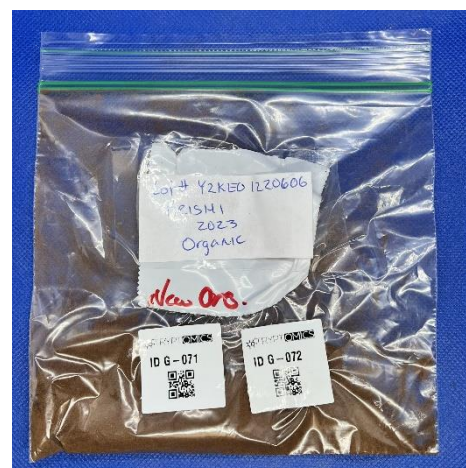
Certificate of Analysis

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Sample Name	Reishi 2023 Organic	Client ID	West Wolf Medicinals
Sample Type	Powder	Analysis Date	12/31/2023
Sample Batch ID	Y2KE01220606	Servings	N/A
Tryptomics ID	G-071 & G-072	Assay ID	Total Glucans

α-Glucan	(1-3)(1-6)-β-Glucan
Weight %	Weight %
6.1 ± 0.1	38.9 ± 1.7
<p>About α-Glucan: Alpha-glucans are also commonly found in bacteria, yeasts, plants, and insects. Alpha-glucans differ from beta-glucans because of how the two sugar molecules are linked together to form the polysaccharide. Particularly in the context of medicinal mushroom products, a higher concentration of alpha-glucans indicates the mycelial or fruiting body product could contain glucans from the substrate.</p> <p>Examples:</p> <ul style="list-style-type: none"> • dextran, α-1,6-glucan • glycogen, α-1,4- and α-1,6-glucan • pullulan, α-1,4- and α-1,6-glucan 	<p>About (1-3)(1-6)- β-Glucan: (1,3)(1,6)-beta-glucans are a type of beta-linked polysaccharide that is commonly found in mushrooms. It is known to activate the human immune system, and studies also suggest that it may have anti-carcinogenic properties. The quantification of this β-glucan could be used to confirm the identity and purity of mushroom products.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Cellulose – (1,4)-β-Glucan • Cereal – (1,3)(1,4)-β-Glucan • Fungal – (1,3)(1,6)-β-Glucan

Total Glucans
Weight %
45.0 ± 1.6



LOD = Limit of Detection, ND = Not Detected

This certificate of analysis is for research and development purposes only. Please email questions to cking@tryptomics.com