

RESULTS REPORT

ORGANIC FERTILIZERS

Location : Chili

Sampling Date : 16-01-2025 Entry Date : 22-01-2025
Analysis Date : 03-02-2025 Report Date : 14-02-2025

Sample Type: **Sphagnum Moss**

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Sample Identification :		HS CODE 0604.90.00	NCh2880: 2015 Compost - Quality Requirements and Classification	
Laboratory No :		33304	Acceptance Level *	Method
Physical Analysis				
Particle Size				
> 16,0 mm	%	0	0	TMECC 02.02-C*
8,0 mm - 16,0 mm	%	85	-	TMECC 02.02-C*
4,0 mm - 8,0 mm	%	8	-	TMECC 02.02-C*
2,0 mm - 4,0 mm	%	2	-	TMECC 02.02-C*
< 2,0 mm	%	5	-	TMECC 02.02-C*
Non-Compostable Materials				
Stones, clay clumps	> 4mm %	0,0	< 5	AS 4454
Flexible plastics, films	> 4mm %	0,00	< 0,05	AS 4454
Glass, metal, rubber, rigid plastic	> 2mm %	0,0	< 0,5	AS 4454
Bulk Density	kg/m ³	22	< 700	TMECC 03.01-ABC
Porosity	%	93	-	TMECC 03.01-ABC
Free Air Space	%	42	-	TMECC 03.01-ABC
Water Retention Capacity				
By Volume	%	51	-	TMECC 03.01-ABC
By mass	%	2380	-	TMECC 03.01-ABC
Moisture	%	4	30 - 45	TMECC 03.09
Dry Matter	%	96	-	TMECC 03.09

Observations:

* *Standard NCh2880: 2015 Compost - Quality Requirements and Classification.* Acceptance level for composted product: Elements without a specified level are not regulated by the standard.

Particle Size

- Large amount of material retained above the 8mm sieve

Non-Compostable Materials:

- Sample does not contain non-compostable materials.

Other:

- Sample has very low bulk density (22 kg/m³), high porosity and free air space (93% and 42%), and a very high water retention capacity by volume (2380%).

Notes:

- Analysis performed on a Dry Matter basis.
- Methodologies: TMECC, Test Methods for Examination of Composting and Compost, 2001. AS 445
- Agrolab is accredited by the Commission for Standardization and Accreditation (CNA) of the Chilean Society of Soil Science to conduct compost, soil, and foliar analysis. It is also accredited by the Agricultural and Livestock Service (SAG) to perform analyses required by the Ministry of Agriculture for degraded soil recovery programs.
- Results are valid only for the analyzed samples, which were provided by the client



R. Espinoza
Rosa Espinoza Astudillo
Jefe Laboratorio