

Seed anaylsis certificate

Seed information

Sow

All seed has its own line number, and each line of seed has its own seed analysis certificate. The seed analysis certificate describes the quality of a line of seed, laboratory tested in a standard way.

Line number

All seed has its own unique line number, known officially as a ‘merchant reference number’, which is printed on the side of every seed sack. If you want to check the test results on any seed, the line number is what you need.

The National Seed Laboratory, run by AsureQuality, produces a certificate for ALL certified seed. Certificates are available on all certified Barenbrug seed lines.

What does the seed analysis certificate show?

Identification of seed	■ Cultivar tested ■ Merchant reference number, also known as seed line number (branded on seed sacks)
When tested	■ Date of test
Standard tests	■ Purity (% pure seed, contaminants) ■ Germination (% live seed, hard seed (in legumes), abnormal seedlings, fresh and dead seed).
Other tests (sometimes given)	■ Endophyte % in perennial, Italian, or hybrid ryegrass (either in seed or from seedling grow outs). ■ ELISA test for the presence of lolitrem B contaminant. See endophyte seed tests.

All New Zealand grown Barenbrug seed lines have an official National Seed Laboratory seed analysis certificate.

Further information

For further information on the seed certification system see seed certification.



Grow out tests confirm live endophyte levels. Individual seedlings are cut and pressed in squares on a special paper, and when a live endophyte is present its antigens react with the paper, showing up when it is dyed.

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Seed Analysis Certificate

Test number issued by lab (quote this in any queries)

Final Report

Lab reference: SL24-9321 Sample Officially Drawn

Certified Seed
Kind Of Seed: Lolium perenne (Perennial Ryegrass)
Cultivar: Array
Class: First generation
No. Of Containers: 14
Weight: 10,500 kg

Species and variety of seed

Reference No: 2024533378/2
Region Of Production: C1894C1D
Merchant's Reference: 26078B
Dressing Code: A72

MPI number

Seed line number (number branded on the sides of bags)

Date Of Sampling: 06 June 2024
Date Sample Received: 07 June 2024
Date Of Testing Completed: 24 June 2024
Date Of Issue: 24 June 2024

Date test completed

Results

Purity Result			Germination Result					
PURE SEEDS	INERT MATTER	OTHER SEEDS	INTERIM COUNT	FINAL COUNT	FRESH SEEDS	HARD SEEDS	ABNORMAL SEEDLINGS	DEAD SEEDS
100.0 %	Trace	0.0 %	94 % in 6 days	96 % in 11 days	0 %	0 %	2 %	2 %

Purity result (%)

Final germination result (%)

Other Seeds Found In Working Sample
None found.

Other Seeds Found In Bulk Search
No additional seeds found.

Kind Of Inert Matter
Soil, sterile florets, chaff.
Bulk: Larvae (dead).

Inert matter found in purity analysis

Other Determinations
0.2% KNO3.
Soil 0.01% in 60.49 g.

SL Cousins

Sue Cousins
Laboratory Manager

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