

APPLICATION SOLUTIONS

Subject:

Granulation of ALGAE EXTRACT (e.g. from Chlorella or Spirulina) without additional granulation aid (→ 100% natural)

Goal:

Improved flowability and handling properties, zero dust, direct compressibility and stable tablets

Challenge / conditions:

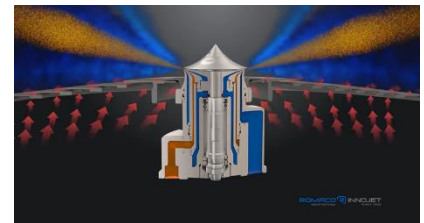
Powder characteristics:

- Very fine powder with poor flowability
- Product is hygroscopic and shows electrostatic charging
- Customer strives for 100% natural process & -ingredients, no additional binder or process aid

INNOJET proposal:

Usage of Ventilus® Technology:

- Highly efficient Granulation- and Drying process
- Significantly improved flowability, transferability and compressibility
- Perfect tableting properties proven
- Concept suitable for numerous applications in nutraceuticals and pharmaceutical



Raw material



Granulated Powder



Perfect (100% natural) tablets

Result:

100% natural, no additional (chemical) binder used
100% compressible
100% sustainable

Suitable applications: Any other (naturally derived) nutraceutical extracts.