Process Flow Chart

Rose Damascena Essential Oil

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PRODUCT **Rose Damascena Essential Oil** · BOTANICAL NAME **Rosa damascena Mill.** · DATE **29.09.2026**

PRODUCER

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DOCUMENT CONTROL

Process Flow Chart

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Applies to: Rose Damascena Essential Oil
Scope: Manufacturing process
Status: Approved

Indicative values. The values in this document are typical of the product, not the results of a particular batch. For batch-specific documentation and values (certificate of analysis, GC-MS report), contact us at **sales@bioform.bg** or +359 889 45 05 50.

#	PROCESS STAGE	DESCRIPTION
1	Raw material	Fresh flower petals, hand-picked in the morning — Certified organic, own plantation (120 ha).
2	Reception and inspection	Weighing and condition check; flowers go to the still the same day.
3	Primary distillation	Steam distillation of the fresh petals.
4	Separation	"First" oil separated from the distillate water in a Florentine flask. **SIDE STREAM** Distillate water to cohobation
5	Cohobation	Distillate water re-distilled to recover the dissolved "second" oil. **SIDE STREAM** Rose floral water (co-product)
6	Blending	First and second oil combined.
7	Drying and filtration	Removal of residual water and particles.
8	Quality control	GC-MS profile, physico-chemical constants, organoleptic check, pesticide screen.
9	Packing and labelling	Filled into closed containers, batch-coded labels.
10	Storage and dispatch	Cool, dark storage until dispatch with batch documents.

REMARK: The information in this document describes the product as supplied by Bioform Ltd and is given in good faith.

Place: 6160 Tazha, Bulgaria
Date: 29.09.2026

Биоформ

Signature and stamp
Mariya Staykova
Authorised representative
FOR AND ON BEHALF OF BIOFORM LTD