AROMATICS DATA

GC-MS BATCH SUMMARY

Batch ROA-120

November 6, 2026

Rose Absolute Essential Oil

Rosa x damascena

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
June 25, 2025	Solvent	Organically Grown	Bulgaria

TOP 5 COMPONENTS

of 27 measured

phenylethyl alcohol	Other	50.04%
citronellol	Monoterpenol	22.09%
geraniol	Monoterpenol	10.26%
nerol	Monoterpenol	6.55%
nonadecane	Other	1.76%

Batch ROA-120 comes from organically grown *Rosa x damascena* in Bulgaria, where the blossoms are gathered in the cool early hours of the season and processed by solvent extraction in June 2025. That method captures the deep, honeyed, unmistakably rich rose character that steam distillation leaves behind.

GC-MS analysis of this batch identified 27 components. Phenylethyl alcohol leads at 50.04 percent and carries much of the classic rose sweetness, followed by citronellol at 22.09 percent and geraniol at 10.26 percent. Together the monoterpenols total nearly 40 percent, a family associated with gentle, skin-friendly character and a soft, uplifting presence in a blend.

This exact batch was independently GC-MS tested, and both the full report and the certificate of analysis are available to download. You can see precisely what is in the bottle before it ever reaches your diffuser or blending bench.

Full composition · 27 components across 7 families

Other	**53.55%**
phenylethyl alcohol	50.04%
nonadecane	1.76%

Every batch is GC-MS tested by an independent lab. This report is provided for full transparency by Aromatics International.

Verify this batch: data.aromatics.com/products/rose-absolute-essential-oil#batch=ROA-120

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heneicosane	0.83%
1-hexadecanol	0.41%
eicosane	0.16%
heptadecane	0.14%
tricosane	0.12%
pentacosane	0.04%
1-octadecanol	0.03%
octadecane	0.02%
Monoterpenol	**39.58%**
citronellol	22.09%
geraniol	10.26%
nerol	6.55%
linalool	0.68%
Ester	**1.38%**
geranyl acetate	1.38%
Phenol	**0.85%**
eugenol	0.85%
Sesquiterpene	**0.64%**
germacrene D	0.22%
β-caryophyllene	0.12%
δ-cadinene	0.08%
γ-muurolene	0.06%
α-caryophyllene	0.05%
benzyl alcohol	0.04%
γ-cadinene	0.03%
α-guaiene	0.02%
β-elemene	0.02%

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Ether	**0.08%**
methyl eugenol	0.08%
Sesquiterpenol	**0.07%**
α-muurolol	0.07%

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