



## CERTIFICATE OF ANALYSIS (COA)

**Aromology Trading LLC**  
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### PRODUCT INFORMATION

| Parameter                 | Specification                           |
|---------------------------|-----------------------------------------|
| Product Name              | Dihydrorosan®                           |
| Manufacturer              | BASF SE                                 |
| Trade Name                | Dihydrorosan®                           |
| Chemical Name             | Tetrahydro-2-isobutyl-4-methyl-2H-pyran |
| CAS Number                | 13477-62-8                              |
| EC Number                 | 236-770-1                               |
| REACH Registration Number | 01-2120079767-37-0000                   |
| Molecular Formula         | C <sub>10</sub> H <sub>20</sub> O       |
| Molecular Weight          | 156.27 g/mol                            |
| Product Type              | Aroma Chemical                          |
| Grade                     | Premium Perfumery Grade                 |

### ANALYTICAL SPECIFICATION

| Test                     | Specification                               | Result   |
|--------------------------|---------------------------------------------|----------|
| Appearance               | Clear liquid                                | Conforms |
| Colour                   | Colourless                                  | Conforms |
| Odour                    | Fresh rose, green, geranium, muguet, citrus | Conforms |
| Identification (GC)      | Pass                                        | Conforms |
| Assay                    | ≥98.0%                                      | Conforms |
| Relative Density (20 °C) | 0.838–0.853                                 | Conforms |
| Refractive Index (20 °C) | 1.4300–1.4340                               | Conforms |
| Flash Point              | Approximately 62 °C                         | Conforms |
| Isomer Ratio             | cis 65–85%; trans 15–35%                    | Conforms |



### **Storage**

Store tightly closed in a cool, dry place away from direct sunlight, ignition sources and strong oxidising agents.

### **Shelf Life**

36 months from the date of manufacture when stored under recommended conditions.

### **Conclusion**

This material conforms to Aromology's quality specifications for Dihydrorosan® BASF and is suitable for professional perfumery, cosmetic and fragrance applications.

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**Batch Number:** DHR-260710  
**Manufacturing Date:** 28 May 2026  
**Retest Date:** 28 May 2029  
**Issue Date:** 10 July 2026

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### **Authorised By:**

Fozia Khot  
Director