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## Quality Assurance Standard Specifications Sheet

Product Name: alpha-Ionone, High Purity  
Product Code: NA2594-HP  
Contents: Natural Flavor  
Legal Status: FEMA GRAS# 2594  
FL No. 7.007  
Natural US 21 CFR 101.22  
CAS: 127-41-3  
Hno: 2914.23.0000  
Storage Conditions: Cool dark area. <70F. Purge with Nitrogen after opening.  
Shelf Life: 12 months  
Appearance: Clear  
Liquid  
Color: Colorless to Pale Yellow  
Flavor/Odor: Violet-raspberry and sweet fruity taste / Violet-like  
Specific Gravity, 20°C: 0.9271 - 0.9371  
Refractive Index, 20°C: 1.4945 - 1.5005  
GC Purity: > 95%  
Flash Point °C (°F): 117 (242.6)  
Boiling Point °C (°F): 257 (494.6)  
Flavor Use: Almond, Berry, Fruit, Tropical, Tea, and Tobacco Flavors.  
Use Level: 0.01 - 10 ppm as per consumed  
Solubility: Oil, Alcohol

Last review date 2/19/2025 supercedes previous review on 12/9/2024

**Our Quality Assurance Program includes Isotopic Testing of our starting materials.**