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## Quality Assurance Standard Specifications Sheet

Product Name: Methional  
Product Code: NA2747  
Contents: Natural Flavor  
Legal Status: FEMA GRAS# 2747  
FL No. 12.001  
Natural (EC) 1334/2008 Article 3(2)(c)  
Natural US 21 CFR 101.22  
CAS: 3268-49-3  
Hno: 2930.90.9251  
Storage Conditions: Refrigerated, 2-8 C. Purge with Nitrogen after opening.  
Shelf Life: 12 months  
Appearance: Clear  
Liquid  
Color: Colorless to Yellow  
Flavor/Odor: Potato, Meat-like / Meat-like  
Specific Gravity, 20°C: 1.037 - 1.052  
Refractive Index, 20°C: 1.4795 - 1.4835  
GC Purity: 98% minimum  
Flash Point °C (°F): 64 (147.2)  
Boiling Point °C (°F): 164 (327.2)  
Flavor Use: Tomato, Potato, Potato Chip, Meat and Savory Flavors  
Use Level: 0.001 - 1 ppm as consumed  
Solubility: Alcohol, Oil, PG