

Quality Assurance Standard Specifications Sheet

| Product Name: | Difurfuryl Disulfide |
|-------------------------|---|
| Product Code: | NA3146 |
| Contents: | Natural Flavor |
| Legal Status: | FEMA GRAS# 3146 |
| | FL No. 13.050 |
| | Natural (EC) 1334/2008 Article 3(2)(c) |
| | Natural US 21 CFR 101.22 |
| | CAS: 4437-20-1 |
| | Hno: 2932.19.5100 |
| Storage Conditions: | Cool, dark area <70 F. Purge with Nitrogen after each opening. |
| Shelf Life: | 12 months |
| Appearance: | Clear |
| | Liquid |
| Color: | Colorless to Amber |
| Flavor/Odor: | Coffee-like, Fresh roasted, Warm, Meaty / Fresh Roasted Coffee |
| Specific Gravity, 20°C: | 1.236 - 1.242 |
| Refractive Index, 20°C: | 1.586 - 1.59 |
| GC Purity: | 96% minimum |
| Flash Point °C (°F): | 148 (298.4) |
| Boiling Point °C (°F): | 225 (437) |
| Flavor Use: | Coffee, Meat, and Savory Flavors |
| Use Level: | 0.01 - 1 ppm as consumed |
| Solubility: | Alcohol |

Last review date 1/7/2025 supercedes previous review on 12/9/2024

Our Quality Assurance Program includes Isotropic Testing of our starting materials.