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## Quality Assurance Standard Specifications Sheet

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| Product Name:           | Methylthioacetate-US   |
| Product Code:           | NA3876-US  |
| Contents:               | Natural Flavor   |
| Legal Status:           | FEMA GRAS# 3876<br>FL No. 12.149<br>Natural US 21 CFR 101.22<br>CAS: 1534-08-3<br>Hno: 2930.90.9251  |
| Storage Conditions:     | Cool dark area, <70F Purge with Nitrogen<br>after each opening.  |
| Shelf Life:             | 12 months  |
| Appearance:             | Clear<br>Liquid  |
| Color:                  | Colorless to pale yellow   |
| Flavor/Odor:            | Methyl Mercaptan-like, Overripe, Rotten, and<br>Roasted / Rotten Cabbage   |
| Specific Gravity, 20°C: | 0.986 - 1.026  |
| Refractive Index, 20°C: | 1.4614 - 1.4654  |
| GC Purity:              | 96.8% minimum  |
| Flash Point °C (°F):    | 11 (51.8)  |
| Boiling Point °C (°F):  | 99 (210.2)   |
| Flavor Use:             | Adds ripeness to fruit flavors. Adds fresh<br>roasted character beef, chicken & pork<br>flavors. Adds fresh brewed character to<br>coffee. |
| Use Level:              | 1-5 ppm as consumed  |
| Solubility:             | Alcohol, Oil, PG   |