

## PARA-550 Specification of Food Grade White Mineral Oil

| ITEMS   | TEST METHOD             | SPECIFICATION | TYPICAL VALUE |
|---|-------------------------|---------------|---------------|
| Kinematic Viscosity (40℃) / (mm <sup>2</sup> /s)            | ASTM D445 / GB/T 265    | 96-106        | 102.4         |
| Kinematic Viscosity (100℃) / (mm <sup>2</sup> /s)           | ASTM D445 / GB/T 265    | ≥11           | 12.30         |
| Initial Boiling Point,℃                                     | ASTM D2887 / SH/T 0558  | >350          | 400           |
| Carbon Number at 5% Distillation Point                      | ASTM D2887 / SH/T 0558  | ≥28           | 31            |
| GC Distillation,℃   | ASTM D2887 / SH/T 0558  | >422          | 464           |
| Average relative molecular weight                           | ASTM D2502 / SH/T 0730  | ≥500          | 520           |
| Saybolt Colour  | ASTM D156 / GB/T 3555   | ≥+30          | +30           |
| Water-soluble acid or alkali                                | GB/T 259                | Nil           | Nil           |
| Readily Carbonisable substances                             | ASTM D565 / GB/T 11079  | Pass          | Pass          |
| Polycyclic aromatic hydrocarbons UV Absorbance at 260-420nm | ASTM D2269 / GB/T 11081 | ≤0.1          | 0.054         |
| Solid Paraffin  | SH/T 0134               | Pass          | Pass          |
| Pb Content/ (mg/kg)   | GB 4853-2008 Appendix A | ≤1            | <1            |
| As Content/ (mg/kg)   | GB/T 5009.76            | ≤1            | <1            |
| Heavy Metal Content/ (mg/kg)                                | GB/T 5009.74            | ≤10           | <10           |
| Flash Point (open cup) ,℃                                   | ASTM D92 / GB/T 3536    | ≥250          | 262           |

Note: 1、 The product quality indicators based on national standards GB 4853-2008 food-grade white oil .

2、 This product complies with Chinese food-grade white oil quality requirements of GB 4853-2008, in line with US FDA provisions of 21 CFR 172.878 & 178.3620 (a) quality requirements.