

SPECIFICATION

16 Aldehydes-DNPH Mixture Standard Solution (each 10 μg Aldehyde/mL Acetonitrile Solution)
for HPLC

| REQUIREMENT | SPECIFICATION |
|-------------------------------|-----------------------------------|
| Appearance | Yellow clear liquid |
| Practical test | to pass test |
| Formaldehyde-DNPH | 67.9~72.1 $\mu\text{g}/\text{mL}$ |
| Acetaldehyde-DNPH | 49.4~52.4 $\mu\text{g}/\text{mL}$ |
| Propionaldehyde-DNPH | 39.8~42.2 $\mu\text{g}/\text{mL}$ |
| Acrolein-DNPH | 40.8~43.4 $\mu\text{g}/\text{mL}$ |
| Acetone-DNPH | 39.8~42.2 $\mu\text{g}/\text{mL}$ |
| Isobutyraldehyde-DNPH | 34.0~36.1 $\mu\text{g}/\text{mL}$ |
| n-Butyraldehyde-DNPH | 34.0~36.1 $\mu\text{g}/\text{mL}$ |
| Crotonaldehyde-DNPH | 34.6~36.8 $\mu\text{g}/\text{mL}$ |
| Isovaleraldehyde-DNPH | 30.0~31.8 $\mu\text{g}/\text{mL}$ |
| n-Valeraldehyde-DNPH | 30.0~31.8 $\mu\text{g}/\text{mL}$ |
| Benzaldehyde-DNPH | 26.2~27.8 $\mu\text{g}/\text{mL}$ |
| n-Hexanal-DNPH | 27.2~28.8 $\mu\text{g}/\text{mL}$ |
| o-Tolualdehyde-DNPH | 24.3~25.8 $\mu\text{g}/\text{mL}$ |
| m-Tolualdehyde-DNPH | 24.3~25.8 $\mu\text{g}/\text{mL}$ |
| p-Tolualdehyde-DNPH | 24.3~25.8 $\mu\text{g}/\text{mL}$ |
| 2,5-Dimethylbenzaldehyde-DNPH | 22.7~24.1 $\mu\text{g}/\text{mL}$ |