

## SPECIFICATION

16 Aldehydes-DNPH Mixture Standard Solution (each 10  $\mu\text{g}$  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 $\mu\text{g}/\text{mL}$