



# Specification

1.02937.0000 N,N-Dimethylformamide for spectroscopy Uvasol®

| Specification                       |          |       |
|-------------------------------------|----------|-------|
| Purity (GC)                         | ≥ 99.9   | %     |
| Evaporation residue                 | ≤ 0.0002 | %     |
| Water                               | ≤ 0.02   | %     |
| Color                               | ≤ 10     | Hazen |
| Acidity                             | ≤ 0.0002 | meq/g |
| Alkalinity                          | ≤ 0.0002 | meq/g |
| Fluorescence (as quinine at 365 nm) | ≤ 1.0    | ppb   |
| Transmission (at 270 nm)            | ≥ 25     | %     |
| Transmission (at 275 nm)            | ≥ 60     | %     |
| Transmission (at 290 nm)            | ≥ 80     | %     |
| Transmission (at 300 nm)            | ≥ 90     | %     |
| Transmission (from 330 nm)          | ≥ 98     | %     |
| Absorbance (at 270 nm)              | ≤ 0.60   |       |
| Absorbance (at 275 nm)              | ≤ 0.22   |       |
| Absorbance (at 290 nm)              | ≤ 0.10   |       |
| Absorbance (at 300 nm)              | ≤ 0.05   |       |
| Absorbance (from 330 nm)            | ≤ 0.01   |       |

Meet the requirements of "Specific use spectroscopy" according ACS

Jeannette David

Responsible laboratory manager quality control

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