

# Technical Specification

**PRODUCT : n,n-DIMETHYLACETAMIDE RPE - For analysis**

**CODE : 444300**

**MOLECULAR WEIGHT :87.12**

**CAS N° : 127-19-5**

**FORMULA : CH<sub>3</sub>CON(CH<sub>3</sub>)<sub>2</sub>**

| TEST                     | U.M. | SPECIFICATION           |
|--------------------------|------|-------------------------|
| Description              | -    | Clear colourless liquid |
| Identification           | -    | Positive                |
| Density d20/4            | -    | 0.940 - 0.946           |
| Refractive index at 20°C | -    | 1.4343 - 1.4403         |
| Boiling point            | °C   | 164.0 - 166.0           |
| Water (K.F.)             | %    | <= 0.05                 |
| Residue on evaporation   | ppm  | <= 50                   |
| Acidity (acetic acid)    | ppm  | <= 150                  |
| Chloride                 | ppm  | <= 10                   |
| Heavy metals (as Pb)     | ppm  | <= 5                    |
| Sulfate                  | ppm  | <= 10                   |
| Fe                       | ppm  | <= 5                    |
| Assay (GC)               | %    | >= 99.8                 |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
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