

Technical Specification

PRODUCT : Acetone RS SPECTROSOL - For optical spectroscopy

CODE : 401030

MOLECULAR WEIGHT :58,01

CAS N° : 67-64-1

FORMULA : CH₃COCH₃

| TEST | U.M. | SPECIFICATION |
|--------------------------|-------|-----------------|
| Description | - | Clear liquid |
| Colour | APHA | <=10 |
| Identification | - | Positive |
| Density at 20°C | - | 0.790 - 0.792 |
| Refractive index at 20°C | - | 1.3581 - 1.3601 |
| Boiling point | °C | 55.8 - 56.3 |
| Water (K.F.) | ppm | <= 500 |
| Residue on evaporation | ppm | <=5 |
| Acidity | meq/g | <=0.0005 |
| Alcalinity | meq/g | <=0.0002 |
| Assay (GC) | % | >=99.9 |
| Fluorescence | - | - |
| at 365 nm | ppb | <=2 |
| UV Transmittance | - | - |
| at 330 nm | % | >=16 |
| at 335 nm | % | >=60 |
| at 340 nm | % | >=85 |
| at 345 nm | % | >=95 |
| at 350 nm | % | >=98 |

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