

## 5001 – ACETONE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5001	STANDARD SPECIFICATION FOR ACETONE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
Issue Date: 08/02/2022		Product code: 5001

### PRODUCT PROPERTIES

C.A.S Number	67-64-1
Chemical Formula	C <sub>3</sub> H <sub>6</sub> O
Formula weight	58.08
Functional Uses	Acetone (Food Grade) is used as Extraction solvent, flavoring agent
Standard Packaging	25 Ltr.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Clear, colourless, volatile, highly flammable liquid with a characteristic odour free from sediment and suspended matter
Solubility	Miscible in all proportions with water and with ethanol

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Specific gravity (d <sup>20</sup> <sub>20</sub> )	0.790 - 0.793
Refractive index (n <sup>20</sup> <sub>D</sub> )	1.358 - 1.360
Distillation range	55.5 - 57.0°
Non-volatile residue	NMT – 0.001%
Acidity (as acetic acid)	NMT – 0.002%
Phenol	NMT – 0.001%
Readily oxidizable substances	Passes test
Assay (w/w)	NLT – 99.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

