

neoFroxx GmbH

Marie-Curie-Str. 3
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www.neofroxx.com

Specification

Product	Acetone pure EP, NF (pharma grade)
Product number	LC-4077
Synonyms	2-Propanone, β -Ketopropane, Dimethylketone
Formula	C_3H_6O
Molecular weight	58.08 g/mol
CAS number	67-64-1
Storage	below 25°C
Retest period (months)	48

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP) and the United States National Formulary (NF).

Assay (NF)	$\geq 99 \%$
Identity (EP, NF)	passes test
Appearance (EP)	volatile, clear, colourless liquid (revised)
Solubility (EP)	passes test
Appearance of solution (EP)	clear and colourless
Relative density (EP)	0.79 - 0.793
Acidity or alkalinity (EP)	passes test
Reducing substances (EP)	passes test
Readily oxidisable substances (NF)	passes test
Non-volatile residue (NF)	$\leq 0.004 \%$
Related substances (EP)	
impurity A and B (each impurity)	$\leq 0.05 \%$
impurity C	$\leq 0.0002 \%$
any impurity (each impurity)	$\leq 0.05 \%$
Insoluble matter (EP)	passes test
Residue on evaporation (EP)	$\leq 0.005 \%$
Water (EP)	$\leq 0.3 \%$

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Specification

Product	Acetone pure EP, NF (pharma grade)
Water (USP)	<= 0.5 %

Einhausen, 27.03.2025