

**neoFroxx GmbH**

Marie-Curie-Str. 3  
64683 Einhausen  
+49 6251 989 240  
coa@neofroxx.com  
www.neofroxx.com

## Specification

<b>Product</b>	<b>n-Hexane 95 % (Reag. EP, USP) p.A., ACS (revised)</b>
Product number	LC-4067
Synonyms	Hexane
Formula	C <sub>6</sub> H <sub>14</sub>
Molecular weight	86.18 g/mol
CAS number	110-54-3
Storage	below 25°C
Retest period (months)	48

We herewith confirm that this product meets the requirements of the American Chemical Society (ACS) grade chemicals.

<b>Parameter</b>	<b>Specification</b>
Assay (GC)	>= 96 %
Assay (hexane isomers + methylcyclopentane (GC))	>= 98.5 %
Identity (IR)	passes test
Colour	<= 10 Hazen
Refractive index	1.375 - 1.376
Density	0.659 - 0.663
Boiling point	67 - 69 °C
Thiophene	complies
Aromatics (as benzene)	<= 0.01 %
Sulfur compounds (as S)	<= 0.005 %
Aluminium (Al)	<= 0.00005 %
Boron (B)	<= 0.000002 %
Barium (Ba)	<= 0.00001 %
Calcium (Ca)	<= 0.00005 %
Cadmium (Cd)	<= 0.000005 %
Cobalt (Co)	<= 0.000002 %
Chromium (Cr)	<= 0.000002 %

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Product	n-Hexane 95 % (Reag. EP, USP) p.A., ACS (revised)
Parameter	Specification
Copper (Cu)	<= 0.000002 %
Iron (Fe)	<= 0.00001 %
Magnesium (Mg)	<= 0.00001 %
Manganese (Mn)	<= 0.000002 %
Nickel (Ni)	<= 0.000002 %
Lead (Pb)	<= 0.00001 %
Tin (Sn)	<= 0.00001 %
Zinc (Zn)	<= 0.00001 %
Residue on evaporation	<= 0.001 %
Water	<= 0.01 %
Readily carbonisable substance (revised)	passes test
Transmittance (260 - 420 nm) (revised)	>= 97 %
Titration acid (revised)	<= 0.0003 meq/g

Einhausen, 29.09.2025