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CERTIFICATE OF ANALYSIS**HE0228_25626603/1**

Product n-Hexane, 96%, for analysis, ExpertQ®, ACS, Reag. Ph Eur

Batch 25626603

HE0228

Quality release date 12/03/2025

Expiry date 03/2030

Analysis	Batch value	Specifications
Assay (G.C.)	97,51 %	≥ 96,0
Total isomer content (G.C.)	99,95 %	≥ 98,5
Identity (IR-Spectrum)	passes test	passes test
Density (20°/20°)	0,6614 g/mL	0,659 - 0,663
Colour (Hazen)	4	≤ 10
Refractive index n _{20/D}	1,3751	1,375 - 1,376
Boiling range (min. 95 %)	67 - 69 °C	67 - 69
Acidity	0,00001 meq/g	≤ 0,0002
Alkalinity	< 0,0002 meq/g	≤ 0,0002
Aluminium (Al)	< 0,5 ppm	≤ 0,5
Barium (Ba)	< 0,1 ppm	≤ 0,1
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,05 ppm	≤ 0,05
Calcium (Ca)	< 0,5 ppm	≤ 0,5
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,1 ppm	≤ 0,1
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,02 ppm	≤ 0,02
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,1 ppm	≤ 0,1
Aromatic Hydrocarbons (as C ₆ H ₆)	0,00037 %	≤ 0,01
Sulfur compounds (as S)	< 0,005 %	≤ 0,005
Tiophene (C ₄ H ₄ S)	passes test	passes test
Substances darkened by H ₂ SO ₄	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,001
Water (K.F.)	0,0027 %	≤ 0,01
UV Spectroscopy in a 1,0 cm cell: min. transmission between 260 and 420 nm	99,29 %	≥ 97

For laboratory use only

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

Marta Martínez Casals
Laboratory Technician