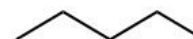


Technical Data Sheet

Pentane

Compound Information

Product Name:	Pentane
CAS No.:	109-66-0
Molecular Formula:	C ₅ H ₁₂
Molecular Weight:	72.15
Revision Date:	2026-04-16



Analytical Information

Tests	Specifications
Description	A clear liquid with a characteristic odour.
Grade	AR Dry Solvent
Solubility	ethanol: soluble(lit.)
Colour	Not more than 10 Hazen units in colour.
Purity	Min. 99.00%
Wt. per ml, 20 deg C	0.625 - 0.626g
Refractive Index	<i>n</i> ₂₀ /D 1.358
Bromine no.	0.50 max
Acidity(C ₄ H ₉ COOH)	0.001% max
Non-volatile matter	0.002% max
Sulphur compounds(as CS ₂)	0.0003% max
Copper(Cu)	0.00002% max
Iron(Fe)	0.00005% max
Lead(Pb)	0.00002% max
Substances darkened by sulphuric acid(H ₂ SO ₄)	Passes test
Water	0.01% max
MS	Pass test
¹H NMR	Pass test
¹³C NMR	Pass test
IR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.