Chemische Werke Hommel GmbH & Co. KG

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Specification

Concerning Product:	
Article number	110861V03
Trade name / designation / denomination	Pyridin 99%, chemisch rein
CAS number	110-86-1
Other names / synonyms	•PYRIDINE; •PYRIDINE, ACS; •PYRIDINE- D5; •Pyridine; •Pyridine , ACS grade; •Pyridine [Sequenation Solvent]; •Pyridine hydrobromide; •Pyridine hydrobromide perbromide; •Pyridine, ACS, 99. min; •Pyridine, Anhydrous;
EC number	203-809-9
EC index number	613-002-00-7
Customs tariff number / CN code / TARIC	29333100
Molecular weight [g / mol]	79,10
Formula	C5H5N
Danger  UN 1282, PYRIDIN, 3, II, (D/E),	
Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Wash with plenty of soap and water.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	clear and colourless	
Colour	(Pt-Co Skala) ≤ 5	
Physical parameter		
Distillation range	@ 760mm of Hg: First drop to dry point 1,0℃	°C
Loss on drying	≤ 0,1	%
Reducing substances	(Permanganate colour remains for at least 30 minutes): complies	
Solubility	water solubility test: complies	
Identity		
Assay	≤ 99,0	%
Impurities		
Sulphates (SO_4)	≤ 0,001	%
Residue on evaporation	≤ 0,0020	%
Impurity	ammonia (NH3): ≤ 0,002	%
Elemental Impurities		
Chlorides (Cl)	≤ 0,001	%
Copper (Cu)	≤ 0,0005	%

Supplemental information:

Shelf life: 5 years

Storage conditions: Store in a cool, dry place.

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 31. Jul. 2025

LF-Basis: (2025-07-30)

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