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Specification

Concerning Product:	
Article number	110861V01
Trade name / designation / denomination	Pyridin (min. 99,95%)
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 1282/1282, 3 (Entzündbare flüssige Stoffe),	
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, colourless liquid free from suspended matters	
Colour	(Pt Co, Scale) ≤ 5	HU
Physical parameter		
Distillation range	@ 760mm of Hg: First drop to dry point 1,0℃ (including 115.3 ± 0.1℃)	°C
Moisture	by KF ≤ 0,1	% w/ w
Reducing substances	Permanganate colour persists for min.30 minutes: To pass test	
Solubility	in water: clear solution, no turbidity or oil film	
Identity		
Assay	by GC, FID Area ≥ 99,95	%
Impurities		
Sulphates (SO_4)	≤ 0,001	%
Residue on evaporation	≤ 0,0020	%
Impurity	Ammonia (as NH3) ≤ 0,0020	%
Elemental Impurities		
Chlorides (Cl)	≤ 0,001	%
Copper (Cu)	≤ 0,0005	%

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Waltrop, 27. Mar. 2025

LF-Basis: ()

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