





Specification

Concerning Product:	
Article number	110861BLI
Trade name / designation / denomination	Pyridin, ACS
CAS number	110-86-1
Other names / synonyms	•PYRIDINE; •PYRIDINE, ACS; •PYRIDINE- D5; •Pyridine; •Pyridine , ACS grade; •Pyridine [Sequention Solvent]; •Pyridine hydrobromide; •Pyridine hydrobromide perbromide; •Pyridine, ACS, 99. min; •Pyridine, Anhydrous;
EC number	203-809-9 203-809-9
EC index number	613-002-00-7
Customs tariff number / CN code / TARIC	29333100
Molecular weight [g / mol]	79,10
Formula	C5H5N
Danger   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	Test Method	Specification	Unit
Organoleptic test			
Appearance		clear ,colourless liquid free from suspended matters	
Appearance		Clear, colorless liquid free from suspended matters	
Colour		≤ 5	HU
Colour		HU ≤ 5	
Physical parameter			
Distillation range		First drop to dry point 1,0 °C (including 115,3 ± 0,1°C)	°C
Distillation range	at760 mm of Hg	First drop to dry point 1,0 °C (including 115,3 ± 0,1°C)	°C
Loss on drying		≤ 0,10	% w/w
Reducing substances		complies	
Solubility		Water solubility: Passes (clear solution , no turbidity or of film)	

Identity			
Assay		≥ 99,95	%
Impurities			
Ammonium		≤ 0,0020	% w/w
Sulphates (SO ₄)		≤ 0,001	% w/w
Residue on evaporation		≤ 0,0020	%
Elemental Impurities			
Chlorides (Cl)		≤ 0,001	% w/w
Copper (Cu)		≤ 0,0005	% w/w

Supplemental information:

Shelf life: 15 Months

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 05. Oct. 2021

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