Scharlau
The wise choice

PI0125 Pyridine, 99,5%, anhydrous (max. 0,005% H_2O)

assay (G.C.)	min. 99,5 %
identity (IR-spectrum)	passes test
density (20°/4°)	0,982 - 0,984
appearance	clear
colour (Hazen)	max. 10
solubility in water	passes test
chlorides (Cl)	max. 0,0005 %
sulfates (SO_4)	max. 0,0005 %
aluminium (Al)	max. 0,5 ppm
barium (Ba)	max. 0,1 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max. 0,05 ppm
calcium (Ca)	max. 0,5 ppm
chromium (Cr)	max. 0,02 ppm
cobalt (Co)	max. 0,02 ppm
copper (Cu)	max. 0,02 ppm
iron (Fe)	max. 0,1 ppm
lead (Pb)	max. 0,1 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max. 0,02 ppm
nickel (Ni)	max. 0,02 ppm
tin (Sn)	max. 0,1 ppm
zinc (Zn)	max. 0,1 ppm
2-picoline (G.C.)	max. 0,2 %
piperidine (G.C.)	max. 0,01 %
ammonia (NH_3)	max. 0,002 %
reducing substances	passes test
residue on evaporation	max. 0,001 %
water (K.F.)	max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PI01250500	500 ml	
PI01251000	1 l	

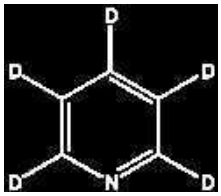
PI0126 Pyridine, 99,5%, anhydrous (max. 0,005% H_2O), with molecular sieves

assay (G.C.)	min. 99,5 %
identity (IR-spectrum)	passes test
density (20°/4°)	0,982 - 0,984
chlorides (Cl)	max. 0,005 %
sulfates (SO_4)	max. 0,005 %
ammonia (NH_3)	max. 0,005 %
copper (Cu)	max. 0,2 ppm
iron (Fe)	max. 0,5 ppm
lead (Pb)	max. 0,2 ppm
nickel (Ni)	max. 0,2 ppm
piperidine (G.C.)	max. 0,05 %
water (K.F.)	max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PI01261000	1 l	

PYRIDINE-D5

PI0132 Pyridine-d5, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®



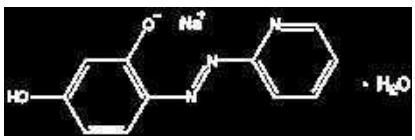
- C_5D_5N
- M = 84,13 g/mol
- CAS [7291-22-7]
- EINECS-No.: 230-720-2
- Density: 1,05 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -41 °C
- Boiling point: 114 °C
- Flash pt. 17 °C
- Ignition temp.: ~ 480 °C
- Vapour pressure: (20 °C) 20 hPa
- LD 50 (oral, rat): 891 mg/kg (pyridine)
- ADR: 3 F1 II UN 1282
- IMDG: 3 II UN 1282
- IATA/ICAO: 3 II UN 1282
- GHS-signal word: Danger
- GHS-H sentences: H225 - H302 - H312 - H332
- GHS-P sentences: P210 - P241 - P261 - P280 - P303 + P361 + P353 - P501a
- Tariff number: 2845 90 10 00
- Applications: for nuclear magnetic resonance spectroscopy.

deuteration degree	min. 99,95 %
water (K.F., H_2O + D_2O)	max. 0,02 %
performance test (NMR-spectrum)	passes test

ART. NO.	VOLUME	CONTAINER
PI01320010	10 ml	

4-(2-PYRIDYLAZO)-RESORCINOL, MONOSODIUM SALT MONOHYDRATE

PI0100 4-(2-Pyridylazo)-resorcinol, monosodium salt monohydrate, ExpertQ®, for analysis, Reag. Ph Eur



- Synonyms: PAR
- $C_{11}H_8N_3NaO_2 \cdot H_2O$
- M = 255,21 g/mol
- CAS [16593-81-0]
- EINECS-No.: 236-339-8
- Solub. in water: (20 °C): 38 g/l
- Tariff number: 2933 39 99 90
- Applications: analytical chemistry, indicator.

assay (titr. with $HClO_4$, referred on dried sample)	min. 99 %
appearance of solution	passes test
water (K.F.)	7,0 - 9,0 %
suitability as indicator for metal titration	passes test

ART. NO.	VOLUME	CONTAINER
PI01000001	1 g	
PI01000005	5 g	