

**Scharlab S.L.**

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Email: scharlab@scharlab.com**CERTIFICATE OF ANALYSIS**Product: **Pyridine**, reagent grade, ACS, Reag. Ph Eur

Batch 17654203

PI0123

Quality release date 02/12/2016

Expiry date 12/2021

Analysis	Batch value	Specifications
assay (G.C.)	99,99 %	min. 99,5 %
identity (IR-spectrum)	passes test	passes test
density (20°/4°)	0,9834	0,982 - 0,984
appearance	clear	clear
solubility in water	passes test	passes test
colour (Hazen)	5	max. 10
boiling point	114 - 116 °C	114 - 116 °C
chlorides (Cl)	< 0,0005 %	max. 0,0005 %
sulfates (SO ₄)	< 0,0005 %	max. 0,0005 %
aluminium (Al)	< 0,00005 %	max. 0,00005 %
barium (Ba)	< 0,00001 %	max. 0,00001 %
boron (B)	< 0,000002 %	max. 0,000002 %
cadmium (Cd)	< 0,000005 %	max. 0,000005 %
calcium (Ca)	< 0,00005 %	max. 0,00005 %
chromium (Cr)	< 0,000002 %	max. 0,000002 %
cobalt (Co)	< 0,000002 %	max. 0,000002 %
copper (Cu)	< 0,000002 %	max. 0,000002 %
iron (Fe)	< 0,00001 %	max. 0,00001 %
lead (Pb)	< 0,00001 %	max. 0,00001 %
magnesium (Mg)	< 0,00001 %	max. 0,00001 %
manganese (Mn)	< 0,000002 %	max. 0,000002 %
nickel (Ni)	< 0,000002 %	max. 0,000002 %
tin (Sn)	< 0,00001 %	max. 0,00001 %
zinc (Zn)	< 0,00001 %	max. 0,00001 %
2-picoline (G.C.)	< 0,0002 %	max. 0,2 %
piperidine (G.C.)	0,005 %	max. 0,01 %
ammonia (NH ₃)	< 0,002 %	max. 0,002 %
reducing substances	passes test	passes test
residue on evaporation	0,0003 %	max. 0,0005 %
water (K.F.)	0,0330 %	max. 0,05 %

This certificate does not release the user from their control upon receipt of the goods

You can get a copy of any of our COA from our web site: www.scharlab.comM. Canet
Laboratory Manager