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CERTIFICATE OF ANALYSIS

Product: **Pyridine**, reagent grade, ACS
PI0123

Batch 11474503
Test date 18/01/2010
Shelf life 1/2015

Analysis	Batch value	Guaranteed value
assay (G.C.)	99.99 %	min. 99,5 %
identity (IR-spectrum)	passes test	passes test
density (20°/4°)	0.9832	0,982 - 0,984
appearance	clear	clear
colour (Hazen)	8	max. 10
solubility in water	passes test	passes test
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.)	< 0,2 %	max. 0,2 %
piperidine (G.C.)	< 0,01 %	max. 0,01 %
ammonia (NH ₃)	< 0,002 %	max. 0,002 %
reducing substances	passes test	passes test
non-volatile matter	0.00005 %	max. 0,001 %
water (K.F.)	0.02 %	max. 0,1 %

This certificate does not release the user from the reception control .

This certificate is an electronic copy of the certificate available in our laboratory, and does not require signature

If you need further details, please call at our factory or contact our local distributor.

You can get a copy of any of our COA from our web site: www.scharlau.com