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CERTIFICATE OF ANALYSIS

Product: **Tetrahydrofuran, Multisolvent® GPC grade ACS,** Batch 11620806
TE0228 stabilized with 250 ppm of Test date 11/03/2010
2,6-Di-tert-butyl-4-methylphenol (BHT) Shelf life 3/2013

Analysis	Batch value	Guaranteed value
assay (G.C.)	99.99 %	min. 99,9 %
identity (IR-spectrum)	passes test	passes test
density (20°/4°)	0.8875	0,887 - 0,889
appearance	clear	clear
colour (Hazen)	8	max. 10
acidity	0.0002 meq/g	max. 0,0003 meq/g
alkalinity	0.0002 meq/g	max. 0,0002 meq/g
aluminium (Al)	0,00001 %	max. 0,00001 %
barium (Ba)	0,000001 %	max. 0,000001 %
boron (B)	0,000002 %	max. 0,000002 %
cadmium (Cd)	0,000001 %	max. 0,000001 %
calcium (Ca)	0,00003 %	max. 0,00003 %
chromium (Cr)	0,000002 %	max. 0,000002 %
cobalt (Co)	0,000002 %	max. 0,000002 %
copper (Cu)	0,000002 %	max. 0,000002 %
iron (Fe)	0,000002 %	max. 0,000002 %
lead (Pb)	0,00001 %	max. 0,00001 %
magnesium (Mg)	0,000001 %	max. 0,000001 %
manganese (Mn)	0,000001 %	max. 0,000001 %
nickel (Ni)	0,000002 %	max. 0,000002 %
tin (Sn)	0,00001 %	max. 0,00001 %
zinc (Zn)	0,000001 %	max. 0,000001 %
peroxides (as H ₂ O ₂)	0,005 %	max. 0,005 %
non-volatile matter	0,0003 %	max. 0,0003 %
water (K.F.)	0,02 %	max. 0,02 %

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