



Laboratory chemicals and products-Clinical chemistry and hematology products-Fine & industrial chemicals

Certificate of Analysis

Product No 8014
Benzene
'BAKER ANALYZED'
Lot No 0604801012
Date 12-3-06

Thiophene Free
Exceeds ACS Specifications

Test	Specification	Actual value
Assay	min. 99.0 %	100.0 %
Color (APHA)	max. 10	< 5
Residue after Evaporation	max. 0.001 %	0.0002 %
Substances Darkened by H ₂ SO ₄	passes test	passes test
Sulfur Compounds (as S)	max. 0.005 %	< 0.0025 %
Thiophene	passes test	passes test
Water (H ₂ O)	max. 0.05 %	0.004 %
<i>Trace Impurities (in ppm)</i>		
Aluminium (Al)	max. 0.5	< 0.001
Barium (Ba)	max. 0.1	< 0.001
Boron (B)	max. 0.02	0.001
Cadmium (Cd)	max. 0.05	< 0.001
Calcium (Ca)	max. 0.5	0.001
Chromium (Cr)	max. 0.02	< 0.001
Cobalt (Co)	max. 0.02	< 0.001
Copper (Cu)	max. 0.02	0.001
Iron (Fe)	max. 0.1	0.006
Lead (Pb)	max. 0.1	< 0.001
Magnesium (Mg)	max. 0.1	< 0.001
Manganese (Mn)	max. 0.02	0.002
Nickel (Ni)	max. 0.02	< 0.001
Tin (Sn)	max. 0.1	< 0.001
Zinc (Zn)	max. 0.1	0.010

Use Before Date 2011-03

For Laboratory use only, unless otherwise stated.

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The contents was checked by ing. M. Keuvelaar QC manager Mallinckrodt Baker B.V.

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