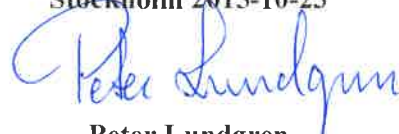


CERTIFICATE OF ANALYSIS

Product:	N-Heptan Ph.Eur. Fat 140 Kg (1640)
Batch Number:	6089891
Date of Manufacture:	2015-10-14
Used Before:	2017-09-30

Parameter	Specification	Result	Unit
Assay n-Heptane (GC)	Min. 99	99,5	%
Boiling range	97-98	97-98	°C
Density (D 20/4)	0,683-0,685	0,683-0,685	
Refractive index (n 20/D)	1,3870-1,3880	1,3870-1,3880	
Non-volatile matter	Max. 0,001	<0,001	%
Water (Karl Fischer)	Max. 0,01	0,008	%
Free Acid (as CH ₃ COOH)	Max. 0,0005	< 0,0005	%
Aluminium (Al)	Max. 0,00005	< 0,00005	%
Boron (B)	Max. 0,000002	<0,000002	%
Barium (Ba)	Max. 0,00001	<0,00001	%
Calcium (Ca)	Max. 0,00005	<0,00005	%
Cadmium (Cd)	Max. 0,000005	<0,000005	%
Cobalt (Co)	Max. 0,000002	<0,000002	%
Chromium (Cr)	Max. 0,000002	<0,000002	%
Copper (Cu)	Max. 0,000002	<0,000002	%
Iron (Fe)	Max. 0,00001	<0,00001	%
Magnesium (Mg)	Max. 0,00001	<0,00001	%
Manganese (Mn)	Max. 0,000002	<0,000002	%
Nickel (Ni)	Max. 0,000002	<0,000002	%
Lead (Pb)	Max. 0,00001	<0,00001	%
Tin (Sn)	Max. 0,00001	<0,00001	%
Zink (Zn)	Max. 0,00001	<0,00001	%
S-compounds (as S)	Max. 0,005	<0,005	%
Reaction against H ₂ SO ₄	Complying	Complying	

Solveco AB
Stockholm 2015-10-23


 Peter Lundgren