

# Standard Analysis Certificate

**PRODUCT** :HEXANE 95% RPE-ACS - Reag. Ph.Eur.  
**CODE** :446900  
**METHOD** :6592

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour (APHA)	-	<=10
Identification	-	Positive
Alcohol miscibility	-	Complete
Diethyl ether miscib.	-	Complete
Chloroform miscibility	-	Complete
Ready carbonizable substances	-	Conform
Density at 20°C	-	0.659 ÷ 0.663
Refractive index at 20°C	-	1.375 ÷ 1.376
Distillation range	° C	67 ÷ 69
Water (K.F.)	ppm	<=100
Residue on evaporation	ppm	<=10
Water-soluble titrable acid	meq/g	<=0.0003
Subst. reducing KMnO4	ppm (5m)	<=20
Tiophene	ACS	Conform
Aromatic compounds	ppm	<= 10
Total sulphur	ppm	<= 5
Al	ppm	<= 0.5
Cu	ppm	<=0.01
Fe	ppm	<=0.1
Ni	ppm	<=0.01
Pb	ppm	<=0.01
Zn	ppm	<=0.01
Assay (GLC)	%	>=95
Assay (hexan isomer+methylcyclopentane)	%	>= 98.5

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)