

# Standard Analysis Certificate

**PRODUCT** :CYCLOHEXANE RPE-ACS - Reag. Ph.Eur. - Reag. USP  
**CODE** :436900  
**METHOD** :6590

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour (APHA)	-	<=10
Identification (I.R.)	-	Conform
Water solubility	-	Conform
Ready carbonizable substances	-	Conform
Alcohol miscibility	-	Complete
Diethyl ether miscib.	-	Complete
Density at 20° C	-	0.776 ÷ 0.782
Refractive index at 20°C	-	1.4229 ÷ 1.4299
Boiling point	° C	80 ÷ 82
Melting point	° C	5.5 ÷ 7.5
Water (K.F.)	ppm	<=100
Residue on evaporation	ppm	<=10
Acidity (acetic acid)	ppm	<=10
Subst. reducing KMnO4	ppm(5m)	<=20
Total sulphur	ppm	<=1
Assay (GLC)	%	>=99.8
Aromatic compounds	ppm	<= 150
Methylcyclohexane	%	<= 0.1

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)