

Technical Specification

PRODUCT : METHYL ISOBUTYL KETONE RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP

CODE : 461940

MOLECULAR WEIGHT :100.16

CAS N° : 108-10-1

FORMULA : CH₃COCH₂CH(CH₃)₂

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Conform
Alcohol miscibility	-	Complete
Benzene miscibility	-	Complete
Diethyl ether miscibility	-	Complete
Density at 20°C	-	0.797 - 0.805
Refractive index at 20°C	-	1.3930 - 1.3990
Boiling point	°C	115.7 - 116.7
Water (K.F.)	%	<= 0.05
Residue on evaporation	ppm	<= 10
Acidity	meq/g	<= 0.002
Alcalinity (NH ₃)	ppm	<= 10
Cd	ppm	<= 0.05
Cu	ppm	<= 0.1
Fe	ppm	<= 0.1
Ni	ppm	<= 0.1
Pb	ppm	<= 0.1
Zn	ppm	<= 0.1
Assay (GC)	%	>= 99.5
Acetone	%	<= 0.1
Mesityl and isomesityl oxide	%	<= 0.1
4-methyl-2-pentanol	%	<= 0.2

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in