

Technical Specification

PRODUCT : Diethyl ether RS SPECTROSOL For optical spectroscopy Not stabilized

CODE : 447590

MOLECULAR WEIGHT :74,12

CAS N° : 60-29-7

FORMULA : CH₃CH₂OCH₂CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<=10
Identification	-	Positive
Density at 20°C	-	0.712 - 0.714
Boiling point	°C	34.4 - 34.9
Water (K.F.)	ppm	<=100
Residue on evaporation	ppm	<=5
Acidity	meq/g	<=0.0005
Alcalinity	meq/g	<=0.0002
Peroxide (as H ₂ O ₂)	ppm	<=60
Assay (GC)	%	>=99.7
UV Transmittance	-	-
at 220 nm	%	>=10
at 230 nm	%	>=45
at 250 nm	%	>=75
at 280 nm	%	>=92
at 300 nm	%	>=98

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