

Technical Specification

PRODUCT : Ethanol absolute anhydrous RS - For HPLC Plus gradient grade

CODE : 412700

MOLECULAR WEIGHT :46,07

CAS N° : 64-17-5

FORMULA : C₂H₅OH

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification (I.R.)	-	Positive
Density at 20°C	-	0.790 - 0.793
Refractive index at 20°C	-	1.3602 - 1.3622
Boiling point	°C	~ 78
Acidity or alkalinity	meq/g	<=0.0002
Water (K.F.)	%	<=0.05
Residue on evaporation	ppm	<=5
Assay (GC)	%	>=99.9
Fluorescence	-	-
at 254 nm	ppb	<=2
at 365 nm	ppb	<=2
UV Transmittance	-	-
at 210 nm	%	>=25
at 220 nm	%	>=50
at 230 nm	%	>=75
at 240 nm	%	>= 85
at 250 nm	%	>=90
at 260 nm	%	>= 98
from 270 nm	%	>= 99
Acetal + acetaldehyde	ppm (V/V)	<= 10
HPLC Gradient	-	-
at 235 nm	mAU	<= 5
at 254 nm	mAU	<= 2

Filtered at 0.2 micron

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
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