

# Technical Specification

**PRODUCT : METHANOL + 0.1% v/v trifluoroacetic acid RS - For LC/MS**

**CODE : 414871**

**MOLECULAR WEIGHT :32.042**

**CAS N° : 67-56-1**

**FORMULA : CH3OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Assay (GC) (w ithout TFA)	%	>= 99.9
TFA content	% (V/V)	0.095 - 0.105
Water (K.F.)	ppm	<= 500
Residue on evaporation	ppm	<= 2
UV transmittance (1 cm , ref. w ater)	-	-
at 225 nm	%	>= 20
at 240 nm	%	>= 50
at 250 nm	%	>= 80
at 260 nm	%	>= 95
Fluorescence (quinine)	-	-
at 254 nm	ppb	<= 1
at 365 nm	ppb	<= 1
HPLC Gradient	-	-
at 254 nm	mAU	<= 2
Drift at 254 nm	mAU	<= 40
Test LC-MS TIC (50-2000m/z) ESI (+)	-	-
Sensitive Impurities (reserpine)	ppb	<= 50
Metals compounds	-	-
Al	ppb	<= 30
Fe	ppb	<= 100
Na	ppb	<= 50
Ca	ppb	<= 50
Mg	ppb	<= 30
K	ppb	<= 50

Metals compounds : mesured at batch release

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