

Certificate of Analysis

Product Code :43637G

Batch No: 4513740615

Product Description: METHANOL GRADIENT HPLC 2.5L

QUALIGENS

Mfg. Date: June 2015

Suggested Retest Date: June 2020

SPECIFICATIONS	UNIT	STANDARDS		RESULTS
Description : A clear colourless liquid with characteristic odour. APHA not greater than 10 H.U.		Should Comply		Complies
Miscibility/ Solubility : Miscible with water forming clear colourless solution		Should Comply		Complies
Assay (by GC)	%	99.9	Min	99.97
Water (by K.F.)	%	0.05	Max	0.03
Residue on evaporation	%	0.0005	Max	0.0004
Acidity (as HCL)	%	0.001	Max	<0.001
Alkalinity (as NaOH)	%	0.0003	Max	-----
Suitability for gradient analysis: Maximum absorbance of largest eluted peak at 235 nm	-----	0.002	A.U	<0.002
254nm (Linear from 95% water HPLC grade to 100% methanol over 20 min, followed by 100% Methanol for further 10 min)	-----	0.001	A.U	<0.001
Maximum Absorbance (1.0cm cell vsH ₂ O):-				
205 nm	----	1.000		0.870
225 nm	----	0.160		0.153
250 nm	----	0.020		0.017
300 nm	----	0.005		0.000
400 nm	----	0.005		0.000

Additional Information:

The product has been tested by the Quality Control Laboratory of Thermo Fisher Scientific and confirms to the above specifications

Geetha Karthikeyan

Q.A.Manager

Any queries please phone : +91-02266803004

The document has been produced electronically and is valid without signature.