



QC/F Sr.No.	Specification No	100000000000000000000000000000000000000	CIFICATION	Reference Ph Eur - 11.0	
QC/F Sr.No.	obecincation in	Supersedes	Effective date	Page No	
1 /	QC/PH-FG/SPEC/10 Rev.		01/01/2023	1 of 5	
1 /	Test		Specification	Method of Analysis No	
2 8	Appearance	Clear	, colourless volatile, hygros		
	Solubility		ole with water and with vlene chloride.	QC/PH-FG/SPEC/10-0	
3. E	Boiling point	About	64°C.	QC/PH-FG/SPEC/10-0	
55 11 6	dentification a) Refractive index at 2	0±0.5°C 1.328	to 1.330 at 20±0.5°C	QC/PH-FG/SPEC/10-0-	
b	o) By IR		arison with Ph. Eur. Refere	ence QC/PH-FG/SPEC/10-0	
5 A	Appearance of solution		ubstance to be examined i and colourless.	s QC/PH-FG/SPEC/10-0	
6 A	Acidity or alkalinity		ore than 0.9 ml of 0.01M s xide is required to change of the indicator to pink.	Marine Commence of the Commenc	
7 F	Relative density at 20°C	0.791	to 0.793 at 20°C	GC/PH-FG/SPEC/10-08	
A A A	Absorbance At 230 nm At 250 nm At 270 nm At 290 nm Between 230 nm to 200	200000000000000000000000000000000000000	num 0.15 num 0.05 num 0.02 num 0.01 osorption curve should be h.	QC/PH-FG/SPEC/10-09	
9 Ir	Impurity A (By GC)		ium 2 ppm v/v	QC/PH-FG/SPEC/10-10	
10 R	Related substances (By GC) a) Any impurity b) Total		ore than 0.1% ore than 0.3%	QC/PH-FG/SPEC/10-10	
11 R	Reducing substances		nk colour should not comp rged within 5 min.	letely QC/PH-FG/SPEC/10-11	
12 R	Residue on evaporation		um 10 ppm	QC/PH-FG/SPEC/10-12	
13 V	Vater	Maxim	um 0.10%	QC/PH-FG/SPEC/10-13	
. a)	Residual solvents (By G) Benzene) Ethanol) Acetone	Not mo	ore than 2ppm v/v ore than 5000ppm v/v ore than 5000ppm v/v	QC/PH-FG/SPEC/10-14	
	PREPARE	D. RV	CHECKED BY	AUTHORIZED BY	

	PREPARED BY	CHECKED BY	AUTHORIZED BY
	Q.C	Q.C	Q.A
SIGNATURE	phase	Cope	Pspandit,
DATE	24/12/2022	27/12/2022	27/12/2022



Rev.10	METHAN SPECIF	Reference Ph Eur - 11.0	
FG Specification No	Supersedes	Effective date	Page No
QC/PH-FG/SPEC/10	Rev.09	01/01/2023	2 of 5

GENERAL INFORMATION

Structure:

Molecular Formula: CH4O

H₃C - OH

Molecular weight: 32.04

Desirable Pack:

To be supplied in MS drums/SS containers/HDPE containers/HM-HDPE containers and Glass bottles, properly Identified with a label having Name of the material, Name of the Manufacturer, Quantity, Manufacturer's Batch Number, Manufacturing Date, Expiry Date and or Retest Date.

Storage Condition:

In an airtight container.

Handling precaution:

Use PPE (Personal Protective Equipments) during handling of the material. CODY

Sampling SOP:

As per the current approved sampling procedure. (SOP/QC/GEN/01) ERENCE

Quantity to be sampled:

Analysis Sample: About 790 ml Control Sample: About 1580 ml

Stability Sample: About 7920

Shelf Life:

date of manufacturing. Three years from the

Note:

1. For Bullet, Filter and Supporting equipment rinsing and filter cleaning-

- If previous product is any grade of Methanol, then perform Appearance, Solubility, Identification by Refractive index at 20±0.5°C, Absorbance and Water tests as per FG specification.
- If previous product is different then perform Appearance, Solubility tests as per FG specification and calculate previous product carry over by using "Purity (By GC)" method from Raw material specification. (Limit - NMT 0.2%) QC/SPEC/METHANOL_RM/01.

For Tanker Rinsing-

- Perform Appearance, Solubility, Identification, Relative Density at 20°C, Absorbance, Impurity A (By GC), -Related substances (By GC), Residue on evaporation and Water tests as per FG specification.
- 3. Blending and Packing-
- Perform all tests as per FG specification.
- Residual solvents (By GC) test perform only for packing.
- 4. For Stability testing-
- Perform Appearance, Solubility, Identification, Absorbance, Impurity A (By GC), Related substances (By GC), Residue on evaporation, Residual solvents (By GC) and Water tests as per FG specification. (Stability sample quantity- About 660 ml for single analysis).



Rev.10	METHAN	Reference	
3.200	SPECIFICATION		Ph Eur - 11.0
FG Specification No	Supersedes	Effective date	Page No
QC/PH-FG/SPEC/10	Rev.09	01/01/2023	3 of 5

Document number	Supersedes	Changes made	Reason for change
QC/PH-FG/SPEC/10	Rev.0	Format change – 1. General Information added. 2. History page added. 3. Reference updated	As per requirement of Schedule M. Ph.Eur-7.0
	Rev.1	RUNA Logo inserted along with the name of company.	As per SOP of Document and Data control
	Rev.2	Reference updated Detector temperature is reduced from 280°C to 230°C. Split ratio is adjusted from 1:20 to 1:10	Ph.Eur-8.0 Refer Change Control No. RCPL/CC/QC/003-15
	Rev.3	Reference updated	Ph.Eur-9.0 Refer Change Control No. RCPL/CC/QC/009-16
	Rev.4	Reference updated Mentioned tests to be perform for Bullet Rinsing, Filter Rinsing and Tanker Rinsing. Shelf life is added.	Ph. Eur 19.5 Suppliment. Refer Change Control No. RCPL/CC/QC/008-18
	Rev.5	Mentioned tests to be perform for Supporting equipments. Quantity of Stability sample is added.	Refer Change Control No. RCPL/CC/PDN/003-18
R	Rev.6	GAM No. Added for Boiling Point test. Test wise method of analysis (MOA) is prepared. Method of Analysis No. is added.	(Refer Change Control No RCPL/CC/QC/002-19) (Refer Change Control No RCPL/CC/QC/003-19)
¥	Rev.7	Reference updated In MOA No.QC/PH-FG/SPEC/10-01 Procedure is updated Intepretation is added. In MOA No.QC/PH-FG/SPEC/10-02 Procedure is updated Intepretation is added. In MOA No.QC/PH-FG/SPEC/10-03 "Interpretation" term replaced by "Limit". In MOA No.QC/PH-FG/SPEC/10-04	Ph.Eur. 10.0 (Refer Change Control No. RCPL/CC/QC/008-19)



Rev.10	METHAN	Reference Ph Eur - 11.0	
	SPECIFICATION		
FG Specification No	Supersedes	Effective date	Page No
QC/PH-FG/SPEC/10	Rev.09	01/01/2023	4 of 5

Document number	Supersedes	Changes made	Reason for change
		a) limit is added.	
		6. In MOA No.QC/PH-FG/SPEC/10-05	
		a) Procedure is updated and spectrum	
		range added.	
		b) Working standard added with CRS	
		and Purity index added.	
		7. In MOA No.QC/PH-FG/SPEC/10-06	
		a) intepretation is added.8. In MOA No.QC/PH-FG/SPEC/10-07	
		The state of the s	
35		a) solution prepration is updated "comple" term replaced by	
		b) "sample" term replaced by "substance to be examine"	
		 In MOA No.QC/PH-FG/SPEC/10-08 limit is added. 	
		b) "sample" term replaced by "substance"	
		10. In MOA No.QC/PH-FG/SPEC/10-09	リヒュ
		a) Incorporation of spectrum nature	
		details between 23thm to 290nm is	
		#1000	
	15	"I teroretation" term replaced by	
_	EFF	LIMIT.	
10	HIT -	11. In MOA No.QC/PH-FG/SPEC/10-10	
	1	a) chromatographic condition is	
			9
		hydrogen flow, air flow, Auxiliary gas	
		and equilibration time.	
		b) In procedure sample term replaced	
		by test solution (a)	
		12. In MOA No.QC/PH-FG/SPEC/10-11	
		a) In Procedure "sample" term replaced	
		by "substance to be examine".	
		b) Solution prepration is added .	
		13. In MOA No.QC/PH-FG/SPEC/10-12	
7		a) Limit is added.	
		b) "sample" term replaced by	
		"substance".	+
		14. In MOA No.QC/PH-FG/SPEC/10-13	
		a) Limit is added.	
		b) "sample" term replaced by	
		"substance ".	
		15. Following points are added in	



Rev.10	**************************************	OL Ph Eur	Reference
	SPECIFICATION		Ph Eur - 11.0
FG Specification No	Supersedes	Effective date	Page No
QC/PH-FG/SPEC/10	Rev.09	01/01/2023	5 of 5

Document number	Supersedes	Changes made	Reason for change
		general information. a) Quantity to be sampled is modified by adding term "About" b) Mentioned tests to be perform for stability testing. c) Quantity for stability sample for single analysis is added. d) Desirable pack updated for addition of HM-HDPE containers e) Filter cleaning is added.	
	Rev.08	1. In MOA No. QC/PH-FG/SPEC/10-03 "It is flammable" is removed. 2. In MOA No. QC/PH-FG/SPEC/10-10 chromatographic condition is updated for addition of Injection mode, Total Flow and Pressure. Procedure is updated for injection sequence. 3. Residual solvents (By GC) test is added also new MOA No.QC/PH-FG/SPEC/10-14 is added Same test is added in stability testing. 4. Quantity to be sampled and stability quantity for single analysis is updated.	Refer Change Control No RCPL/CC/QC/004-21
	Rev. 00	Likefelenee updated.	Ph. Eur 11.0 (Refer Change control No RCPL/CC/QC/008-22)