

Food Grade Hexane

IS : 3470:2017

Sr.No. Method in	Characteristics	Requirement	Appendix
			IS : 1448
i)	Distillation :	-	P:18 (Method B)
	a) Initial Boiling Point, Deg.C. Min.	63	
	b) Dry Point, Deg.C., Max.	70	
	c) Temperature range of final 10%, Deg.C. Max.	2	
ii)	Composition :		
	a) Aromatics, % by Vol, Max.	1.0	- P:63
	b) Saturates, % by Vol, Min.	98.5	- P:23
iii)	Density at 25.0 Deg.C., Max.	0.687	A -
iv)	Colour (Saybolt), Min.	+ 30	- P:14
v)	Sulphur content, ppm, Max.	75	B -
vi)	Corrosion, copper strip, 3 hrs at 50 Deg.C., Max.	1	- P:15
vii)	Doctor test	Negative	- P:19
viii)	Lead, g/1, Max.	0.0005	C -
ix)	Phosphates, ppm, Max.	20	- P:54
x)	Chlorides (as C1), ppm, Max.	20	D -
xi)	Bromine Number, Max.	1	- P:44
xii)	Non-volatile residue, g/100 ml, Max.	0.001	E -
xiii)	Reaction of non-volatile residue	To pass the test	F -
xvi)	UV absorption Test		

<u>Wave Length (mm)</u>	<u>Spec.Value</u>
280-290	0.15 max
290-300	0.13 max
300-359	0.08 max
360-400	0.02 max