

CHEMICAL PRODUCTS

ANALYTICAL REPORT

Name of the Product : Phenyl Ethyl Methyl Ether
PEME (Kewada Ether)
Molecular Formula : C₆ H₁₂O
Batch Size. : 500 Kgs.
Date of Manufacturing : October, 2009

TEST	SPECIFICATION	RESULT
Physical Appearance	Colourless clear liquid	Colourless clear liquid
Specific Gravity	0.953 at 25°C	0.951 at 25°C
Refractive Index	1.49- 1.50 @25°C	1.491 @25°C
Assay by GC	98.0% TO 99%	99.88% by GC

Ara Percent

Sl No.	Component Name	Ret Time.	AREA VOLT SEC	Area %	Peak Type
1		1.11	522.10	2.604E-03	BV
2		1.18	772.86	3.855E-03	VV
3		1.26	5111.56	0.03	VB
4		3.56	17313.83	0.09	BB
5		4.59	412.80	2.059E-03	BB
6	PEME	5.91	20024326.00	99.88	OVFL
			20048458.16	100.00	

Summary

Total Peaks : 7
Multiplication Factor : 10000
Dilution Factor : 10000
Sample Amount : 100.0000
Sysult Standards : IP
ISTD Amount : 0 0

Description:

Chemical Name	. Phenyl Ethyl Methyl Ether
Appearance	: Colourless clear liquid-
M. Formula	: C ₉ H ₁₂ O
Mol. Wt.	: 136.19
Specific gravity	: 0.953 @25°C
CAS Number	: 3558-60-9
Refractive Index	: 1.49- 1.50@25°C
Purity by GLC	: 98% to 99%
Flash Point	: 74°C to 75°C
Boiling Point	: 210°C
Olfactive Note	: Very Strong, diffusive and floral odour.
Occurrence in Nature	: In Pandanus Oil
Recommended Application	: 1) Can be used as a powerful and lifting Ingredient in Hyacinth, Rose, and Jasmine, Lilac, Pikaka or other heavy exotic florals.
	2) For manufacturing of 4(2- Methoxy Ethyl) -Phenol further used in the manufacturing Metoprotol Tartarate. a CVS drug. It finds same use in perfume compositions.