Alpha Chemika
ISO 9001 Quality System Certified Organization
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CERTIFICATE OF ANALYSIS

Name Of Item : n-AMYL ALCOHOL AR (pentan-1-ol) (n-pentanol)

Formula : $C_5H_{12}O$

M.W. : 88.15

Batch No. : N0076

CAS NO. : 71-41-0

Cat. No. : AL4926

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	Clear colorless liquid	Clear colorless liquid
Assay (GC)	Min. 99.0%	99.85%
Identity IR spectrum	Passes test	Passes test
Free acid (as CH_3COOH)	<0.005%	0.000054%
Aluminium (Al)	<0.00005%	0.00003%
Barium (Ba)	<0.00001%	<0.00001%
Calcium (Ca)	<0.00005%	0.000026%
Iron (Fe)	<0.00001%	<0.00001%
Magnesium (Mg)	<0.00001%	0.000008%
Lead (Pb)	<0.00001%	<0.00001%
Tin (Sn)	<0.00001%	0.000009%
Zinc (Zn)	<0.00001%	<0.00001%
Pentanoic aldehyde (GC)	<0.05%	0.022%
Substance discolored by		
H_2SO_4	Passes test	Passes test
Water	<0.1%	<0.1%

Results : The above product complies with AR grade