



GMP & ISO 9001 Quality System Certified Organization
MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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CERTIFICATE OF ANALYSIS

Name of Item: n-AMYL ALCOHOL AR **Formula:** C₅H₁₂O
 (pentan-1-ol) (n-pentanol)

M.W.: 88.15 **Batch No.:**

CAS NO.: 71-41-0 **Cat. No.:** UP0389

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 ₃ COOH)	<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 ₂ SO ₄	Passes test	Passes test
Water	<0.1%	<0.1%

Results : The above product complies with AR grade