

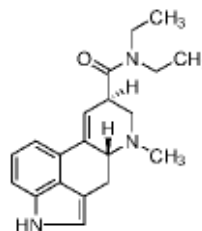
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## Product Specification

Product Name:  
Lysergic acid diethylamide

Product Number: **L7007**  
CAS Number: 50-37-3  
Formula: C<sub>20</sub>H<sub>25</sub>N<sub>3</sub>O  
Formula Weight: 323.4 AMU



### TEST

### Specification

Appearance (Form)	Powder
Appearance (Colour)	White to Yellow/Tan
Solubility (Solvent)	Chloroform
Solubility (Conc)	1.90 - 2.10 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow or Tan
Purity (TLC)	≥ 90.00 %
NMR (Solvent)	CDCl <sub>3</sub>
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Petroleum Ether
NMR (% Solvent 1)	≤ 10.00 %
NMR (Residual Solvent 2)	Toluene
NMR (% Solvent 2)	≤ 10.00 %
NMR (Residual Solvent 3)	Ethylacetate
NMR (% Solvent 3)	≤ 10.00 %
NMR (Total % Resid.Solvents)	≤ 10.00 %
Storage Conditions	Dessicated, under Argon and Protected from Light
Recommended Retest Period	-----
2 Years	

Specification: PRE.3.ZQ5.1000000600

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.