

Product Specification

Product Name : DAPI for nucleic acid staining
Product Number: D9542
CAS Number: 28718-90-3
Storage Temperature : Cooler/Refrigerated
Molecular Formula: $C_{16}H_{15}N_5 \cdot 2HCl$
Formula Weight: 350.25

Test	Specification
Appearance (Form)	Powder
Appearance (Color)	Yellow
Solubility (Solvent)	Water
Solubility (Conc)	19.60 - 20.40 mg/mL
Solubility (Heating)	Yes or No
Solubility (Turbidity)	Clear
Solubility (Color)	Yellow
NMR (Solvent)	D2O
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Acetone
NMR (% Solvent 1)	≤ 1.00%
Purity (HPLC)	≥ 98.0%
Recommended Retest Period 3 Years	-----

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. 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.

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