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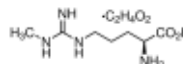
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Product Specification

Product Name:
N^G-Methyl-L-arginine acetate salt - ≥98% (TLC)

Product Number: **M7033**
CAS Number: 53308-83-1



Formula: C7H16N4O2 · C2H4O2
Formula Weight: 248,28 g/mol

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to Faint Yellow
Solubility (Solvent)	Water
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear to Very Slightly Hazy
Solubility (Color)	Colorless to Faint Yellow
Purity (TLC)	≥ 98.00 %
Water (by Karl Fischer)	≤ 3.50 %
Elemental Anal. (%C anhydrous)	42.4 - 44.7 %
Elemental Anal. (%N anhydrous)	21.3 - 23.8 %
NMR (Solvent)	D2O
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Methanol
NMR (% Solvent 1)	≤ 1.00 %
Specific Rotation (Solvent)	Water
Specific Rotation (Conc)	9.00 - 11.00 mg/ml
Specific Rotation (Alpha D)	9.00 - 12.00 deg
Storage Conditions	Under Argon
Recommended Retest Period	-----
3 Years	

Specification: PRE.3.ZQ5.10000001143

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.