

BMP22

4-pentadecylbenzylphosphonic acid

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Molecular Weight 382.52
Chemical Formula C₂₂H₃₉O₃P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6583PGB010
Avanti Lot Number 870865P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 400.52 ± 1 amu	[M+NH ₄] ⁺ = 400.5 amu

Approved By: *Anderson Thomas*

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