

BMP22

4-pentadecylbenzylphosphonic acid

870865P-5mg

Page 1 of 1

Molecular Weight	382.52
Chemical Formula	C ₂₂ H ₃₉ O ₃ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6583PHA010
Avanti Lot Number	870865P-5MG-A-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:



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