

**BMP22**

4-pentadecylbenzylphosphonic acid

**870865P-1mg**

Page 1 of 1

<b>Molecular Weight</b>	382.52
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>39</sub> O <sub>3</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6583PGA010
<b>Avanti Lot Number</b>	870865P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 400.52 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 400.5 amu

Approved By:



For Research Use Only. Not For Human Use.