

PGB1

Prostaglandin B1

900120O-1mg

Page 1 of 1

Molecular Weight	336.466
Chemical Formula	C ₂₀ H ₃₂ O ₄
Physical State	Neat Oil
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6369OGE020
Avanti Lot Number	900120O-1MG-E-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Oil: Clear viscous oil with no foreign matter.	Pass
TLC (65:25:4 Chloroform:Methanol:Ammonium Hydroxide)	>97% Purity (contains <3% PGA1) Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	[M-H] ⁻ = 335.466 ± 1 amu	[M-H] ⁻ = 335.5 amu



Approved by:

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