Certificate of Analysis

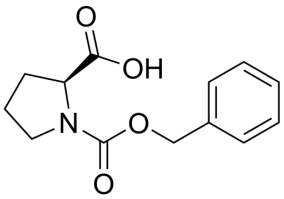
Carbobenzoxyproline

Cat. No.:	HY-Y0588
CAS No.:	1148-11-4
Batch No.:	266895
Chemical Name:	1,2-Pyrrolidinedicarboxylic acid, 1-(phenylmethyl) ester, (2S)-1,2-Pyrrolidinedicarboxylic acid, 1-(phenylmethyl) ester, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{13}H_{15}NO_4$		
Molecular Weight:	**249.26**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (HPLC):	**99.91%**
Water(KF):	0.02%
Residue on Ignition:	0.09%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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