Certificate of Analysis

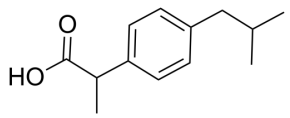
Ibuprofen

Cat. No.:	HY-78131
CAS No.:	15687-27-1
Batch No.:	110093
Chemical Name:	Benzeneacetic acid, α-methyl-4-(2-methylpropyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{13}H_{18}O_2$		
Molecular Weight:	**206.28**		
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)
LCMS:	Consistent with structure
Purity (LCMS):	**99.97%**
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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