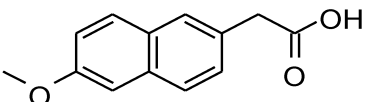


Certificate of Analysis

Structure:	
	
Name	(6-methoxynaphthalen-2-yl)acetic acid
BP Name	Naproxen Impurity I
Synonym(s)	6-MNAA; 6-MNA; α -demethylnaproxen; 6-methoxy-2-naphthylacetic acid; 6-methoxy-2-naphthaleneacetic acid; Desmethyl Naproxen; 2-(6-methoxy-2-naphthyl)acetic acid.
Epichem Item #	EPL-AA179 Batch 2
CAS #	23981-47-7
Molecular Formula	C ₁₃ H ₁₂ O ₃
Molecular Weight	216.23 g/mol
Purity	99.8% (weight/weight). 99.9% at 220 nm by HPLC (assuming all components have the same response factor). No significant impurities detected by ¹ H NMR analysis. 0.13% water by Karl-Fischer method. 0.01% ash.
Combustion Analysis	Required (%): C:72.2; H:5.6; N:0.00. Found (%): C:72.2; H:5.7; N:0.00.
Appearance	Beige powder
Melting Point	170.9-175.4°C
Date of Manufacture	16 October 2015
Storage Requirements	Protect from heat, light and moisture.
Special Precautions	This compound is for laboratory use only. Its toxicological properties may not have been fully established. It should be handled only by suitably qualified personnel.

John Moursounidis, PhD
 Head Fine Chemicals and Technical Services
 14 December 2015