

PRODUCT IDENTITY

PRODUCT NAME	(S)-(-)-Citronellic acid	PRODUCT NUMBER	S472338
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	2111-53-7	FORMULA	$(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CO}_2\text{H}$
FORMULA WEIGHT	170.25g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(S472338)	Colorless Liquid
Specific rotation $[\alpha]_{20/D}(c=4.3 \text{ in } \text{CHCl}_3)$	-11~-7 (°)
Purity(GC)	98-100 (%)
Proton NMR spectrum	Conforms to structure