

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-Ascorbic acid 6-palmitate,99%

ITEM NUMBER: A104524  
BRAND: Aladdin  
CAS NUMBER: 137-66-6  
MDL NUMBER: MFCD00005377  
FORMULA: C<sub>22</sub>H<sub>38</sub>O<sub>7</sub>  
MOLECULAR WEIGHT: 414.53

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Assay	99 %	100 %	100 %
Ignition residue (as sulfate)	0 %	0.2 %	0.2 %
Loss on drying	0 %	0.2 %	0.2 %
Melting point	113 ° C	117 ° C	117 ° C
Solubility in ethanol	pass		
Specific rotation [α] <sub>20</sub> /D c = 1% in ethanol	+22 °	+4 °	+24 °