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### CERTIFICATE OF ANALYSIS

#### Best quality Cetyl Palmitate CAS 540-10-3

Product Description  
 Product Names: CETYL PALMITATE  
 CAS No.:540-10-3  
 MF:C32H64O2  
 MW:480.85

tem	Standard	Test Results
Identification	A. H-NMR:Comply with the structure	Complies
	B. LC-MS:Comply with the structure	Complies
	C. The IR spectrum of sample should be identical with that of reference standard;	Complies
	D. HPLC-ESI-MS The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.	Complies
Crystallinity	meets the requirements.	Complies
Loss on drying	≤2.0%	0.19%
Heavy metals	≤10 ppm	<10ppm
Water	≤1.0%	0.1%
Sulphated ash	≤0.5%, determined on 1.0 g.	0.009%
Related substances	Unspecified impurities: for each impurity	≤0.10% <0.10%
	Total Impurity	≤0.5% 0.18%
Purity	≥99.0%	99.7%
Assay	99.0%~101.0% (anhydrous substance).	99.8%
Microbiological Analysis		
Total plate count	≤1000cfu/g	Complies
Yeast and Moulds	≤100cfu/g	Complies
E. Coli.	Absent	Negative
Salmonella	Absent	Negative
S. aureus	Absent	Negative
Storage	Preserve in well-closed, light-resistant and airtight containers.	Complies

