



Specification

Concerning Product:	
Article number	544310CRU
Trade name / designation / denomination	Palmitoylethanamide, pure, CN
CAS number	544-31-0
Other names / synonyms	•N-(2-hydroxyethyl)hexadecanamide; •palmidrol;
EC number	208-867-9
Customs tariff number / CN code / TARIC	29241900
Molecular weight [g / mol]	299.49188
Formula	C ₁₈ H ₃₇ NO ₂

Parameter	Test Method	Specification	Unit
Organoleptic test			
Colour	Visual	White to Off white	
Physical parameter			
Form	Visual	Fine Powder	
Substances insoluble	GC	complies to USP Standard	
Loss on drying	CPh	≤ 1	%
Identity			
Assay	GC (o.d.b.)	≥ 99,0	%
Identification	IR	positiv	
Impurities			
Residue on ignition	CPh	≤ 1	%
Heavy Metals (as Pb)	CPh	≤ 10	ppm
Sulphates (SO ₄)	CPh	≤ 0,020	%
Elemental Impurities			
Arsenic (As)	CPh	≤ 1	ppm
Chlorides (Cl)	CPh	≤ 0,020	%
Iron (Fe)	CPh	≤ 10	ppm
Microbiological data			
Aerobic microorganisms	USP	neg. in 25g	
Coliform bacteria	BAM	≤ 10	CFU/g
Escherichia Coli.	USP	neg. in 10g	
Salmonella	USP	neg. in 25g	
Staphylococcus Aureus	USP	neg. in 10g	
Total Plate Count	USP	≤ 10,0	CFU/g
Yeast and Mould	USP	≤ 300	CFU/g

Annotation:

o.d.b. = on dried basis / auf getrockneter Basis

Supplemental information:

Shelf life (USP): 2 years

Storage conditions: Store in a well-closed container away from moisture and direct sunlight

Packing: 25 kg paper-drums with two plastic bags inside

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 24. May. 2019

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