



## Spezifikation

<b>Produktbezug:</b>	
Produktnummer	557051V01
Handelsname / Bezeichnung	Zinkstearat , pflanzlich, EP/USP/NF/BP MB, BMC-RSPO-0026
CAS Nummer	557-05-1
Andere Bezeichnungen / Synonyme	•Zinc distearate, pure; •Zinkdistearat; •Zinkdistearat, rein; •zinc distearate; •zinc octadecanoate;
EG Nummer	209-151-9
Zolltarifnummer / CN-Code	29157050
Molekulargewicht [g/mol]	632,34
Formel	C36H70O4Zn

Parameter	Specification	Unit
<b>Sensorische Prüfung</b>		
Aussehen der Lösung	klar < Y5	
Aussehen	weißes oder fast weißes feines Pulver	
<b>Physikalische Parameter</b>		
Säuregehalt	(0,1 N HCl) ≤ 0,3	ml
Säuregehalt	(0,1 N NaOH) ≤ 0,1	ml
Säuregehalt	der Fettsäure 195 – 210	mg KOH/g
Trocknungsverlust	≤ 1	%
Schüttdichte	tapped 0,3 – 0,45	g/ml
<b>Identifikation</b>		
Gehalt	Zn 10,4 – 11,2	%
Gehalt	ZnO 13 – 14	%
Identifizierung	A: entspricht	
Identifizierung	B: ≥ 54	°C
Schmelzpunkt (Identität)	115 – 125	°C
<b>Verunreinigungen</b>		
freie Fettsäuren	≤ 1,5	
Sulphat (SO <sub>4</sub> )	≤ 0,6	%
Verunreinigung	Alkalies and alkaline earths ≤ 1	%
<b>Restlösemittel</b>		
Restlösemittel	muss dem Standard entsprechen	
<b>Elementare Verunreinigungen</b>		
Arsen (As)	≤ 1,5	ppm
Cadmium (Cd)	≤ 5	ppm
Chloride (Cl)	≤ 250	ppm
Blei (Pb)	≤ 10	ppm

<b>Mikrobiologische Daten</b>		
Aerobe Mikroorganismen	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g
<b>Partikelgrößenverteilung</b>		
Partikel	Rückstand bei 200 mesh ≤ 1	%
Partikel	Rückstand bei 325 mesh ≤ 1	%

**Zusätzliche Angaben:**

**Entspricht der Monographie:** Ph.Eur. 10 / USP42 / NF37 / BP17

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Dec. 2024

LF-Basis: (2022-11-15)

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