



## Spezifikation

Produktbezug:	
Produktnummer	13241333BPE
Handelsname / Bezeichnung	Neohesperidin DC, EP
CAS Nummer	13241-33-3
Andere Bezeichnungen / Synonyme	•(2S)-7-[[[(2S,3R,4S,5S,6R)-4,5-dihydroxy-6-(hydroxymethyl)-3-[[[(3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyl-2-oxanyl]oxy]-2-oxanyl]oxy]-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-3,4-dihydro-2H-1-benzopyran-4-one; •(S)-7-[[[2-O-6-deoxy-α-L-mannopyranosyl]-β-D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-4H-1-benzopyran-4-one; •Neohesperidin; •Neohesperidin DC, Pulver;
EG Nummer	236-216-9
Molekulargewicht [g/mol]	610.56056
Formel	C <sub>28</sub> H <sub>34</sub> O <sub>15</sub>

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Aussehen der Lösung	entspricht	
Aussehen	Weißes oder gelblich-weißes Pulver	
<b>Physikalische Parameter</b>		
Trocknungsverlust	≤ 12,0	%
Löslichkeit	In Wasser praktisch unlöslich, in Dimethylsulfoxid frei löslich, in Methanol löslich und in Methylenchlorid praktisch unlöslich	
<b>Identifikation</b>		
Gehalt	HPLC: 96,0 – 101,0	%
Identifizierung	HPCL: entspricht	
Infrarot Spektroskopie	entspricht den Vorgaben	
<b>Verunreinigungen</b>		
Schwermetalle (als Pb)	≤ 10	ppm
Sulphatasche	≤ 0,2	%
Verwandte Substanzen	entspricht	% [w/w]
<b>Mikrobiologische Daten</b>		
Escherichia Coli.	Negative	CFU/g
Salmonellen	nicht nachweisbar in 25 g	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g

### Regulatorische Informationen:

#### **GVO Hinweis: Gentechnik:**

Für das oben genannte Produkt besteht keine Verpflichtung einer GMO-Etikettierung im Sinne der Verordnungen (EG) Nr. **1829/2003** und **1830/2003** des Europäischen Parlaments und des Rates vom 22. September 2003.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 02. Oct. 2019

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