



## Spezifikation

Produktbezug:	
Produktnummer	59676VPEULV
Handelsname / Bezeichnung	Vitamin B3 Nicotinsäure (Niacin) Plv.
CAS Nummer	59-67-6
Andere Bezeichnungen / Synonyme	•3-pyridinecarboxylic acid; •Niacin; •Nicotinsäure; •Vitamin B3; •nicotinic acid;
EG Nummer	200-441-0
Zolltarifnummer / CN-Code	29362900
Molekulargewicht [g/mol]	123,11
Formel	C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>
<b>Achtung</b>	
Verursacht schwere Augenreizung. BEI KONTAKT MIT DEN AUGEN: Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen.	

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Aussehen	weißes, kristallines Pulver	
<b>Physikalische Parameter</b>		
Trocknungsverlust	≤ 1,0	%
Löslichkeit	Löslich in kochendem Wasser und kochendem Alkohol. Kaum löslich in kaltem Wasser.	
<b>Identifikation</b>		
Gehalt	(HPLC) 99,0 – 101,0	%
Gehalt	(Titration) 99,5 – 100,5	%
Identifizierung	B. (UV): 0,46 – 0,50	
Identifizierung	C. (IR): entspricht dem Referenzstandard Nr. 2	
Schmelzpunkt (Identität)	A.: 234 – 240	°C
<b>Verunreinigungen</b>		
Glührückstand	≤ 0,1	%
Schwermetalle (als Pb)	≤ 20	ppm
Sulphat (SO <sub>4</sub> )	≤ 0,02	%
Verunreinigung	total: ≤ 2	%
Verwandte Substanzen	muss den EP/USP Test entsprechen	
<b>Elementare Verunreinigungen</b>		
Chloride (Cl)	≤ 200	ppm

Chemische Werke Hommel GmbH & Co.KG  
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Waltrop, 22. Nov. 2019

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