



## Spezifikation

Produktbezug:	
Produktnummer	54477ALR
Handelsname / Bezeichnung	Pyridoxal-5-phosphat
CAS Nummer	54-47-7
Andere Bezeichnungen / Synonyme	•(4-formyl-5-hydroxy-6-methyl-3-pyridinyl)methyl dihydrogen phosphate; •pyridoxal 5'-(dihydrogen phosphate);
EG Nummer	200-208-3
Zolltarifnummer / CN-Code	29362500
Molekulargewicht [g/mol]	247.141861
Formel	C <sub>8</sub> H <sub>10</sub> NO <sub>6</sub> P

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Aussehen	Leicht gelbes oder cremefarbenes Pulver	
<b>Physikalische Parameter</b>		
Trocknungsverlust	≤ 10,0	%
pH-Wert	2,6 – 3,0	%
Löslichkeit	Sehr schwer wasserlöslich; löslich in Alkali-OH-Lösung	
<b>Identifikation</b>		
Gehalt	98,5 – 101,0	%
Identifizierung	entspricht	
Schmelzpunkt (Identität)	140 – 145	°C
<b>Verunreinigungen</b>		
Schwermetalle (als Pb)	≥ 10	ppm
<b>Elementare Verunreinigungen</b>		
Arsen (As)	≥ 1,5	ppm
Cadmium (Cd)	≥ 0,5	ppm
Quecksilber (Hg)	≥ 0,1	ppm
Blei (Pb)	≥ 0,5	ppm
<b>Nährstoffgehalt</b>		
Vitamine (Nährstoff)	≤ 0,05	%
<b>Mikrobiologische Daten</b>		
Escherichia Coli.	Negativ	
Salmonellen	Negativ	
Salmonellen	Negative	
Staphylococcus Aureus	Negativ	
Gesamtkeimzahl	≥ 1,000	CFU/g
Schimmel und Hefe	≥ 100	CFU/g
<b>Partikelgrößenverteilung</b>		
Partikel	Mesh 30 – 90	%

### Zusätzliche Angaben:

**Mindesthaltbarkeit:** 24 Monate

**Lagerbedingungen:** Verpackt in Pappfässern und zwei Plastiktüten im Inneren, 20 kg / Trommel. An einem kühlen und trockenen Ort aufbewahren. Vermeiden Sie starkes Licht und Hitze.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 29. Apr. 2020

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