



Spezifikation

Produktbezug:	
Produktnummer	4578318WI
Handelsname / Bezeichnung	Adenosine-5'-Monophosphoric Acid, Disod.
CAS Nummer	4578-31-8
Andere Bezeichnungen / Synonyme	•disodium adenosine 5'-phosphate hydrate; •Adenosin-5'-Monophosphat-Dinatrium; •Adenosine-5-monophosphate disodium salt; •Dinatriumadenosin-5'-phosphathydrat; •Adenosine disodium 5'-phosphate hydrate; •disodium [(2R,3S,4R,5R)-5-(6-aminopurin-9-yl)-3,4-dihydroxy-2-oxolanyl]methyl phosphate; •Adenosin-5-Monophosphat-Dinatrium;
EG Nummer	224-961-2
Zolltarifnummer / CN-Code	29349990
Molekulargewicht [g/mol]	391.184881
Formel	C ₁₀ H ₁₂ N ₅ Na ₂ O ₇ P

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	weißes, kristallines Pulver	
Physikalische Parameter		
Trocknungsverlust	(K.F.): ≤ 26,0	%
Identifikation		
Gehalt	(from HPLC): ≥ 98,0	%
Gehalt	(spectrophotom.): ≥ 98,0	%
Identifizierung	(ε = 15.400 ± 2 %, pH 7): ≤ 259	nm
Infrarot Spektroskopie	entspricht den Vorgaben	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 10	ppm
Elementare Verunreinigungen		
Iridium (Ir)	entspricht den Vorgaben	

Zusätzliche Angaben:

Freigabe des Herstellers: 2012-06-12

Lagerbedingungen: in gruchsfreier, kühler, trockener Umgebung; Hitze und Feuchtigkeit vermeiden

regionaler Ursprung: D

Version des Herstellers: 8

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Feb. 2019

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