



## Spezifikation

Produktbezug:	
Produktnummer	61198WI
Handelsname / Bezeichnung	Adenosine-5'-Monophosphoric Acid
CAS Nummer	61-19-8
Andere Bezeichnungen / Synonyme	•adenosine phosphate; •[(2R,3S,4R,5R)-5-(6-aminopurin-9-yl)-3,4-dihydroxy-2-oxolanyl]methyl dihydrogen phosphate;
EG Nummer	200-500-0
Zolltarifnummer / CN-Code	29349990
Molekulargewicht [g/mol]	347.221221
Formel	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Aussehen	weißes, kristallines Pulver	
<b>Physikalische Parameter</b>		
Trocknungsverlust	(105° C/5h): ≤ 6,0	%
optische Durchlässigkeit	(430 nm, c = 1, in 0,2N NaOH): ≥ 95,0	%
UV-Spektroskopie	entspricht dem Standard	
<b>Identifikation</b>		
Gehalt	(from HPLC): ≥ 98,0	%
Gehalt	(spectrophotom.): ≥ 98,0	%
Identifizierung	(ε = 15.400 2 %, pH 7): ≤ 259	nm
Identifizierung	A <sub>250</sub> / A <sub>260</sub> : 0,76 – 0,80	
Identifizierung	A <sub>280</sub> / A <sub>260</sub> : 0,14 – 0,16	
Infrarot Spektroskopie	entspricht dem Standard	
<b>Verunreinigungen</b>		
Schwermetalle (als Pb)	≤ 10	ppm
<b>Elementare Verunreinigungen</b>		
Iridium (Ir)	entspricht dem Standard	

### Zusätzliche Angaben:

**Freigabe des Herstellers:** 2012-06-12

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

**regionaler Ursprung:** D

**Version des Herstellers:** 12

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Feb. 2019

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