

PRODUCT SPECIFICATION

Cat. No. **K-4000**

Product **Kinetin**

6-Furfurylaminopurine;
N6-Furfuryladenine

CAS RN [525-79-1] *M. F.* C₁₀H₉N₅O

M. W. 215.22 g/mol

	<i>Specification</i>
Appearance	white to off-white crystalline powder
Solution (1 % in 1N NaOH)	colorless, clear
Solution (1 % in 1N HCl)	colorless, clear
Water Content (K. Fischer)	< 0.5 %
Purity (HPLC)	min. 98.0 area-%
Thin Layer Chromatogram (100 mg in 3 ml of 1N NaOH; 1-propanol/ammonia/water 8:1:1; UV 254 nm)	in accordance with reference material
Melting Point	270 °C ± 2 °C
Heavy Metals (as Pb)	< 10 ppm
FTIR	consistent with assigned structure

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