

PRODUCT SPECIFICATION



Cat. No. **F-6845**
Product **5-Fluoro-L-tryptophan monohydrate**

H-5-Fluoro-Trp-OH

CAS RN [16626-02-1]

M. F. C₁₁H₁₃FN₂O₃

M. W. 240.24 g/mol

<i>Test</i>	<i>Specification</i>
Color	slightly white to off-white
Form	powder
Color of Solution (1 % in 1 mol/L HCl)	almost colorless to light yellow
Turbidity (1 % in 1 mol/L HCl)	max. 4.0 NTU
Water Content (K. Fischer)	6.5 to 8.5 %
Perchloric Acid Titration (0.1 mol/L)	98.0 to 102.0 %
Purity (HPLC)	min. 98.0 area-%
TLC (10 mg/mL in 1 mol/L HCl; propanol/acetic acid/water 8:1:1; UV 254 nm, van Urk)	corresponds to reference material
Enantiomeric Ratio (HPLC)	L-Form/D-Form min. 99.5:0.5
FT-IR Spectrum	corresponds to reference spectrum
Recommended Retest Period:	1800 days

Date of issue: June 9, 2015

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