



Product Specification

Product Name: 4-Methylumbelliferyl phosphate bis (cyclohexylammonium) salt
Cat #: M-720
CAS #: 128218-53-1
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (5% in methanol)	colorless
Turbidity (0.5% in methanol)	max. 2.0 NTU
Water Content (K. Fischer) (theoretical for trihydrate 10.63%)	max. 12.0%
Perchloric Acid Titration (0.1 mol/L) (calculated for trihydrate)	99.0 - 101.0%
TLC (50 mg in 1.5 ml of ethanol; 2-propanol/ammonia/water 7:1:2; UV 254 nm)	corresponds to reference material
Free 4-MU (50 mg in 1.5 ml of methanol; toluene/acetone 5:1; UV 366 nm)	max. 25 mg/kg
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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