

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Methotrexate hydrate**
Specifications & Purity: **PharmPure™, USP**
SKU #: **M476589**

Parameter	Limit Values
Water by Karl Fischer	0-12 (%)
Assay (Anhydrous Basis)	98-100 (%)
NMR Spectrum 1H	Conforms to Structure
specific rotation $[\alpha]_{20/D}(c=10\text{mg/ml in } 0.05\text{M sodium carbonate})$	19-24 (°)
Residue on ignition(Ash)	0-0.1 (%)
Related Compounds(Any unspecific impurity)	≤0.10 (%)
Related Compounds(Total impurities)	≤1.0 (%)
Related Compounds(Individual impurities)	Pass