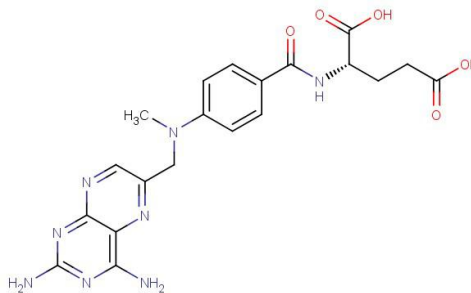


CERTIFICATE OF ANALYSIS

Print Date: March 30, 2020

PRODUCT INFORMATION

CAS No.: 59-05-2
Product Name: (S)-2-(4-(((2,4-diaminopteridin-6-yl)methyl)(methyl)amino)benzamido)pentanedioic acid
Synonyms: Methotrexate; Amethopterin; CL14377; WR19039
MW: 454.447
MF: C₂₀H₂₂N₈O₅



BATCH INFORMATION

Batch Number: 141363
Manufacture Date: March 30, 2020
Quantity: 100g
Recommended Retest Date: March 30, 2022

STORAGE

Refridge Temperature

Analytical Data

Appearance: Yellow solid
Assay (HPLC): 95.0%
¹H-NMR: Consistent with structure
Remarks:

Issued By: Shenqi Wei

Approved By: Shuyin Gu