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## CERTIFICATE OF ANALYSIS

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Product	Methotrexate
Grade	Reagent
Product Code	MB0612
Formula	C <sub>20</sub> H <sub>22</sub> N <sub>8</sub> O <sub>5</sub>
MW	454.44
CAS#	59-05-2
Lot No	

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Test Items	Specifications	Results
Appearance	Orange color crystalline powder	
Purity	≥98%	
Water	≤12%	
Specific rotation	19-24°	
(R)-Methotrexate	≤3%	

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Storage: R.T.