



CERTIFICATE OF ANALYSIS

Product: Methotrexate[CAS:59-05-2]

Batch No: 20181214

Manufacturing Date: Dec., 2018

Expiry Date: Dec., 2020

Date of report: 2018-12-14

Quantity: 54 Kgs

Items	Specifications	Results
Appearance:	yellow crystalline powder	Complies
Identification:	IR & UV	Complies
Water:	Not more than 12.0%	11.10%
Specific rotation:	+19 ⁰ ~+24 ⁰	+21 ⁰
Residue on ignition:	Not more than 0.1%	0.04%
Chromatographic purity:		
Total impurities:	Not more than 2.0%	0.40%
Individual impurity:	Not more than 0.5%	0.19%
Assay:	98.0~102.0%	99.55%

Conclusion:It Complies with USP32 .

QC manager:02

Checked by:07

Analyst:06

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