



河北言希化工有限公司  
HEBEIYANXI CHEMICAL CO., LTD

Certificate of Analysis

Name	Methylprednisolone	Number of COA	04.1064-2207-1
Batch No.	04.1064-220701	Test Date	2024-06-13
Amounts(kg)	170.06	Manufacture Date	2024-06-12
According To	USP 2020-05-01	Retest Date	2027-06-12

【ITEM】

【SPECIFICATION】

【RESULT】

Appearance	White or almost white crystalline powder	White crystalline powder
Identification	(1) Complies By IR (2) Complies By UV not more than 3.0% (3) Positive reaction	Conforms 0.3% Conforms
Specific optical rotation	+79°To+86°	+81.8°
Related substances	Individual impurity not more than 1.0% Total impurities not more than 2.0%	0.18% 0.51%
Residue on ignition	Not more than 0.2%	0.02%
Loss on drying	Not more than 1.0%	0.1%
Residual solvents(GC)	Methanol not more than 3000ppm	Not detected
	Ethanol not more than 5000ppm	1985ppm
	Acetone not more than 5000ppm	Not detected
Assay	Contains 97.0% To 103.0% Of C <sub>22</sub> H <sub>30</sub> O <sub>5</sub> Calculated on the dried basis	98.7%

CONCLUSION:

THE PRODUCT CONFORMS TO USP 2020-05-01

Analyst:张强  
Date : 2024-06-15

Checker:侯天佑  
Date: 2024-06- 15

Supervisor: 王萍  
Date : 2024-06- 15

