

Certificate of Analysis

Product name	Divalproex sodium		
M.F	C16H31NaO4	M.W	310.4
Batch No.:	20210301	Quantity	50KG
Manufacturing Date	2021.03.11	Expiry Date	2023.03.10
Items	Specifications		Results
Appearance	White to off-white powder		White powder
M.P	98~101°C		99.7~100.8°C
Identification	The IR spectrum of the sample should be concordant with the IR spectrum of primary reference standard / working standard		The IR spectrum of the sample is concordant with the IR spectrum of the working standard
	The retention time of the principal peak in the sample preparation should correspond with the retention time of the principal peak in the standard preparation by HPLC method		The retention time of the principal peak in the sample preparation corresponds with the retention time of the principal peak in the standard preparation by HPLC assay method
Water content by KF	Not more than 1.0%		0.053%
Heavy metals	3.5-4.5		4.02
Residual solvents	Ethanol	Not more than 5000ppm	N.D
	1-Bromopropane not check out		N.D
Other related impurities	Not more than 0.5%		0.01%
Total of all impurities	Not more than 1.0%		0.18%
Assay	98~102%		100.7%
Conclusion: The results conform with the standard of USP39			

Analyst: LiBei

Checker:Zhanglin