

CERTIFICATE OF ANALYSIS

Product Name:	Valproic acid		
Batch No.	220525	Quantity	750kg
Manufacturing Date	May 25, 2022	Expiry Date	May 24, 2024
Analysis Date	May 25, 2022	CAS NO.	99-66-1
Analytical results			
Items	Specifications		Results
Appearance	Colourless or light yellow clarified liquid, light Slightly viscous		Colourless clarified viscous liquid
Solubility	Very slightly soluble in water, miscible with 96% ethanol and dichloromethane miscible with 96% ethanol and methylene chloride. And Dissolves in dilute alkaline solutions.		Conform
Identification	Infrared Spectroscopy with Standard Work Sample I Consistent		Conform
Solution appearance	The solution is clarified and has no strong colour difference with the reference solution Y5- No strong colour difference in contrast		Conform
GC Related substances	Impurities K \leq 0.15%		Below detection limit
	Unlisted impurities \leq 0.05%		0.05%
	Total impurities \leq 0.2%		0.08%
Assay	99.0%-101.0%		99.25%
Heavy metals	\leq 20ppm		< 20ppm
Ash sulphate	\leq 0.1%ww		0.04%ww
Conclusion	This product conforms to the standard.		

Inspector: Carlifor Wu

Verifier: Jack He

