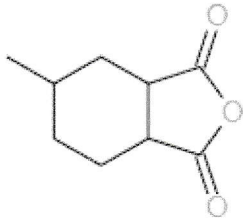


CERTIFICATE OF ANALYSIS

Product and Batch Information		
Product Name: 4-Methylhexahydrophthalic Anhydride (4-MHHPA)		
CAS NO.: 19438-60-9		
Molecular Formula 分子式: C ₉ H ₁₂ O ₃		
Molecular Weight 分子量: 168.19		
Batch No 批号: 20251011		
Manufacture Date: 2025.10.11	Analysis Date: 2025.10.11	

Analysis	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Color(Pt-Co),Hazen	≤20#	13#
Acid value mgKOH/g	650.0-675.0	653.9
Viscosity, mPa · S (25°C)	50.0-70.0	54.1
Content, %	≥99.0	99.1
Iodine Value, Ig/100g	≤0.5	0.36
Freezing Point, °C	≤-15	<-15
Density g/cm ³ (20°C)	1.180±0.05	1.162
Free Acid, %	≤0.5	0.07
Conclusion	ON-SPEC	

Inspector: 杨素青



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