CERTIFICATE OF ANALYSIS

Product name	Ketone Ester	он о	OH
Molecular formula	C ₈ H ₁₆ O ₄		\ ₀ \\
Cas No.	1208313-97-6	Batch No.	MLP-KE-20221012
Quantity	5kg	MFG. date	2022.10.12
Report Date	2022.10.17	Retest. date	2024.10.11

Testing Items	Specifications	Results	
Appearance	Transparent liquid	Conforms	
Identification	NMR confirms to structure	Conforms	
LCMS	Conforms to MW	Conforms	
Ethyl (R) 3-hydroxybutyrate	≤0.5%	ND	
(R)-1,3-butanediol	≤2.0%	ND	
(R)-4-ethoxy-4-oxobutan-2-yl (R)-3-hydroxybutanoate	≤1.5%	1.0%	
Heavy metals	≤10ppm	Conforms	
Pb	≤0.5ppm	Conforms	
As	≤1.5ppm	Conforms	
Cd	≤0.5ppm	Conforms	
Hg	≤3.0ppm	Conforms	
Purity (GC)	≥97.5%	99.01%	
Conclusion	This product conforms to the specifications.		
Storage	Keep sealed, dry and away from light, storage at RT.		

ANALYST: 检1

CHECKER:



