

检验报告书

CERTIFICATE OF ANALYSIS

品名: MOC-L-叔亮氨酸
PRODUCT: MOC- L-TERT-LEUCINE
CAS No.: 162537-11-3

批号 Batch No.: 20210502	生产日期 Manufacture Date: 2021-05-17	
包装 Packing: 25kg/drum	报告日期 Report Date: 2021-05-13	
数量 Quantity: 2500kg	有效期至 Expiry Date: 2023-05-16	
标准 Standard: 公司内控标准 In-house Standard		
项目 Items	标准 Specifications	结果 Results
外观 Appearance	白色或类白色粉末 White to off-	Conforms
鉴别 Identification	红外谱图 Ir spectrum	Conforms
溶解度 Solubility	在水中易溶 Soluble in water	Conforms
重金属 Heavy metals	≤10 ppm	Conforms
干燥失重 Loss on drying	≤0.5%	0.40%
灼烧残渣 Residue on ignition	≤0.5%	0.22%
比旋度 Specific rotation $[\alpha]_{D20}$	-8.0° ~ -11.0°	-8.8°
含量 Assay	99.0~101.0%	99.20%
e.e.	≥99.0%	100.00%
Purity by HPLC	≥99.0%	99.80%
a. N-Acetyl L-tertiary Leucine	≤0.05%	Not detected
b. Methoxycarbonyl -L-Valine	≤0.10%	Not detected
c. Any individual unknown impurity	≤0.3%	0.090%
d. Total impurities	≤1.0%	0.18%
滴定含量 Assay by Titration	98.0% to 102.0%	99.1%
结论: 本品经检测, 符合公司的该产品内控标准。 Conclusion: Complies with in-house standard.		
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