

Code No.12-0608

SPECIFICATION

L-Lysine- $^{13}\text{C}_6,^{15}\text{N}_2$ Monohydrochloride

for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly yellow, crystals ~ powder or mass
Solubility in water	to pass test
Specific rotation $[\alpha]_{\text{D}20}(\text{c}=4, \text{H}_2\text{O})$	$+8 \sim +10^\circ$
Water	max.2.0%
^{13}C Enrichment	min.99atom%
^{15}N Enrichment	min.99atom%
Thin layer chromatography test	to pass test