

PRODUCT IDENTITY

PRODUCT NAME	DL-Threonine	PRODUCT NUMBER	D434240
Grades & Purity	BioReagent, for cell culture, for insect cell culture	VERSION	3
CAS NUMBER	80-68-2	FORMULA	C ₄ H ₉ NO ₃
FORMULA WEIGHT	119.12g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(D434240)	White to Off White Powder
Solubility(50 mg/mL, H ₂ O , Colorless Clear Liquid)	Pass
NMR Spectrum 1H	Conforms to Structure
Carbon by Elemental Analysis	39.5-41.1 (%)
Nitrogen by Elemental Analysis	11.3-12.3 (%)
Purity(HPLC area)	98.5-100 (%)
Cell Culture Test	pass
Insect Cell Test	Pass
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-2~2 (°)