

## L-Tyrosine

**RM069**


### Product Identifier

CAS No.	:	60-18-4
EC No.	:	200-460-4
Molecular Formula	:	C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>
Molecular Weight	:	181.19
HS Code	:	2922 50 15
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white to off-white crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of 1N hydrochloric acid
FTIR	:	Matches with the standard pattern
Specific rotation	:	-12.30° to -9.80° (c = 5% in 1N hydrochloric acid at 25°C)
Chloride (Cl)	:	<= 0.04%
Iron (Fe)	:	<=0.003%
Sulfate (SO <sub>4</sub> )	:	<= 0.04%
Loss on drying (at 105°C, 2 hr)	:	<= 0.50%
Assay (NT, on dry basis)	:	99.00 - 101.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	YP2275600
WGK	:	1