

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	06012
<b>Product Name</b>	H-D-Tyr(Me)-OH O-Methyl-D-tyrosine
<b>Lot Number</b>	10490
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>13</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	195.22
<b>Appearance</b>	complies
<b>Melting Point</b>	237°C
<b>Loss on Drying</b>	0.2%
<b>Free Amino Acid</b>	<0.2%
<b>Other Enantiomer</b>	0.9%
<b>Optical Rotation (NAD)</b>	+31.9° (c=1 in water)
<b>Purity (HPLC)</b>	>99.5%
<b>column;</b>	RP-HD-Sil-C18
<b>HPLC SYSTEM</b>	Linear gradient flow 1/ml/min- detection at 210 nm
<b>HPLC buffer</b>	A:TEAP-buffer pH=2.25, B:CH <sub>3</sub> CN /A 70/30
<b>HPLC Gradient</b>	10% B to 70% B in 70 mins
<b>TLC System</b>	CHCl <sub>3</sub> :MeOH:AcOH 4:2:4
	TLC Concentration 25 Mg/ml
	single spot
<b>comments:</b>	
<b>Storage</b>	Store at 0-5°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written in a cursive style with a long horizontal stroke extending to the left.

**Sashi Kumar**  
**Quality Control Manager**