

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	24538
<b>Product</b>	<b>(+)-O,O'-Di-p-toluoyl-D-tartaric acid, anhydrous Made from synthetic source</b>
<b>Lot Number</b>	002120-1301020 Di-p-toluyl-D-tartaric acid
<b>CAS Number</b>	32634-68-7
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>18</sub> O <sub>8</sub>
<b>Molecular Weight</b>	386.35
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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Soluble (20% in Methanol)
<b>Melting Point</b>	169-172 °C
<b>Water Content (Karl Fisher)</b>	0.50%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +138.38°
<b>Purity by HPLC</b>	99.95%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

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



**Bala Kumar**  
Quality Control Manager