

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	39714
Lot Number	003288-202008012
Product	tert-Butyl hydrogen hexadecanedioate Hexadecanedioic acid mono- <i>tert</i> -butyl ester
CAS Number	843666-27-3
Molecular Formula	C ₂₀ H ₃₈ O ₄
Molecular Weight	342.52

Appearance	White powder
Solubility	Clear solution (0.1 g in 50mL MeOH)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.05%
Residual Solvents	Ethanol : 520 ppm Toluene : 77 ppm Heptane : 180 ppm
Related Substances	16Diacid : 0.16% Unknown single impurity : 0.35% Total impurity : 0.7%
Purity by HPLC	99.3%
Storage	Store at RT
Remarks	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