



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

Catalog Number: 04-2060 CAS Number: [34620-78-5]

Product Name: **MALTOHEPTAOSE** Lot Number: 1501536

Molecular formula	C <sub>42</sub> H <sub>72</sub> O <sub>36</sub>
Formula weight	1153.0
Possible impurities	β-cyclodextrin, other linear maltooligomers
Solubility in 100cm <sup>3</sup> solvent @ 25°C	Water: >50g Methanol: <1g

TEST	METHOD	RESULTS
Appearance	visual	white lyophilisate
Purity	Calculated (on dry substance)	90.7%
Impurities		
Residual βCD	TLC (EP 2.2.27)	<0.5%
Other linear maltooligomers	HPLC (EP 2.2.29)	9.3 (area)%
Conductivity (25°C, 1% solution in water)	Conductometry (EP 2.2.38)	9 μS/cm
Loss on drying	105°C, 4h, in vac, P <sub>2</sub> O <sub>5</sub>	2.7%

Retest date: November 2017

Analysis date: Dec 18<sup>th</sup> 2014