



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

- Product:** 62-1055 Undecaprenyl Monophosphate Diammonium salt
- Mw:** 881.4 $C_{55}H_{97}N_2O_4P$
- Lot No:** M 361:12
- Purity:** 98+ % by TLC (One single spot on Silica Gel G in chloroform-methanol-water 65:25:4, Rf 0.5)
- Origin:** Isolated from leaves of *Magnolia kobus* followed by chemical phosphorylation.
- Packaging:** Dissolved in chloroform-methanol 2:1 + 3% ammonia

NMR spectrum in accord with omega-t₃-c₇-OH structure
(trans- and cis-isoprene residue)
omega, t and c mean omega-, trans- and cis-isoprene residue.