Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number Lot Number	39256 002962-202210
Product	Ginsenoside Rd 2-O-b-Glucopyranosyl-(3b,12b)-20-b-D-glucopyranosyloxy-12-
CAS Number	52705-93-8
Molecular Formula	$C_{48}H_{82}O_{18}$
Molecular Weight	947.15
Appearance	White powder
¹ H NMR	Conforms to structure
Purity by HPLC	99.10%
Purity	>98% (NMR)
Storage	Store at 0 - 10 °C
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

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Bala Kumar Quality Control Manager