

PRODUCT TECHNICAL DATA SHEET**Bio-Based Disodium Succinate of Natural Flavor Grade 98.0%**PTDS# 005
April 17, 2017
Version: 2**Description**

Disodium succinate (DSS) is produced using bio-based succinic acid. It can be used in a number of applications such as food, flavor and fine chemicals. Succinic acid is registered under REACH (01-2119896114-34-0001). Succinic acid also meets the USP FCC monograph standard for purity. It is on the Everything Added to Food in the United States list (EAFUS, REGNUM # 172.861), and is accepted as a food additive and a food flavor in the US (21 CFR 184.1091). Bio-based succinic acid was reviewed under GRAS Notice No. GRN 000552 and included in FDA's GRAS Notice Inventory. Succinic acid is USDA BioPreferred®.

Specification

CAS number:	150-90-3	Particle size on 37 mesh/38T/500µm:	10 max.
FINECS number:	205-778-7	Bio-based carbon:	>97%
Molecular weight:	162.05 g/mol	Assay:	>98.0% (Titration HClO4)
pH:	7.0-9.0	Water content:	<2%
Appearance:	white crystalline powder	Sulfate:	<0.019%
Lead:	< 2 mg/kg	Arsenic:	<3 mg/kg
Mercury:	< 1 mg/kg		

Storage/Coding/Transportation

Store in unopened original packaging in a dry place.
Product is good for two years before re-certification.

Lot coding is found on the package.

For transportation this is not dangerous goods as per US Gov. CFR 172.101

Company Address:

BioAmber Sarnia Inc.
1201 Vidal Street South
Sarnia, Ontario N7T 7M2
CANADA
Phone: +1-519-344-0065

E-mail: Sarnia.CustomerService@bio-amber.com

Package Size

20-kg bag

Safety Data

Product SDS/eSDS are available on our website at www.bio-amber.com and/or upon request at Sarnia.CustomerService@bio-amber.com

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