

PRODOTTI CHIMICI E ALIMENTARI S.p.A.

COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV = ISO 9001:2008 =

COMPANY WITH ENVIRONMENTAL
MANAGEMENT SYSTEM CERTIFIED BY DNV

= ISO 14001:2004 =

FDA inspected manufacturing site

ANALYSIS CERTIFICATE

PCA Code

Analysis No.

Product Description

2004

9497

ACIDO TAUROURSODESOSSICOLICO

Batch

Quan

40

Manufacturing date

Expiry date

Manufacturing site

2015080318

kg

August 2015

July 2020

Via Novi 78, I-15060 Basaluzzo (AL), Italy

Customer

Customer Annotations

A.C.E.F. Fiorenzuola D'Arda

Test	Requirement	Results	U.M.
Description	White odourless microcrystalline powder	White odourless microcrystalline powder	
Solubility	Very soluble in methanol and ethanol; slightly soluble in water; very slightly soluble in dioxane and ether; pratically insoluble in acetone and ethyl acetate	Very soluble in methanol and ethanol; slightly soluble in water; very slightly soluble in dioxane and ether; pratically insoluble in acetone and ethyl acetate	
Identification	Positive (IR)	Positive (IR)	
Specific optical rotation	+35.5 - +37.5	+36.5	0
Water content (by K.F.)	6.0 - 8.0	7.4	%
рН	1.0 - 2.0	1.1	
Sulphated ash	<=0.2	0.01	%
Heavy metals	<=20	<=20	ppm
Chloride	<=500	<=500	ppm
Assay	98.0 - 101.0	101.0	% o.d.b.
Ursodeoxycholic acid (TLC)	<=0.5	<0.5	%
Taurochenodeoxycholic acid (TLC)	<=1.0	<1.0	%
Taurine (TLC)	<=0.2	<0.2	%
Other unid.rel.subs.Tot (TLC)	<=0.5	<0.5	%
Residual solvents: Acetone	<=500	370	ppm

Date of issue

Chemical Lab.

Biological Lab.

Opinion

24/09/2015

F.Martano

Complies to Specifications

Ed.1 issued on 15/04/2011

Laboratory Manager

Quality Control Manager

D. Scainelli

QP Release

M. Coiro /

Sede Legale, amministrativa e stabilimento - Via Novi 78, 15060 Basaluzzo (AL) - Italia - Tel. 0039.0143.489671 - Fax. 0039.0143.489719

Capitale Sociale: € 120.000,00 i.v. - P.I./C.F. 02339850352 - VAT: IT02339850352 - Reg. Imprese di Alessandria n. 02339850352 - REA: 241272

Page 1 of 1