



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Technical Data Sheet

Product: 56-1060 Cerebrosides (bovine brain)

Description: A natural mixture of Cerebrosides, purified by column chromatography only. Crystallization from organic solvents has been avoided to eliminate loss of any constituent. The classical doublet spot can now be visualized as a triplet, representing the four different classes of Cerebrosides.

Composition: Consists of a sphingosine base (or dihydrosphingosine), a fatty acid and D-Galactose.
Four different kinds of fatty acids form four Cerebrosides:

Cerasin: Lignoceric acid
Phrenosin: α -Hydroxy saturated acid (Cerebronic)
Nervon: Nervonic acid (C24:1)
4-Oxynervon: α -Hydroxy-Nervonic acid

Formula Wt: Appr 750

Source: Beef brain Galactolipids

TLC Silica gel G Chloroform-Methanol-Water (65:35:4 v/v)
Rf: 0.78, 0.75 (Iodine)

Solubility: Soluble in chloroform-methanol mixtures

Store at: 4°C or less