



Università degli studi di Modena e Reggio Emilia
DIPARTIMENTO di Scienze della Vita
Via Campi 213/D

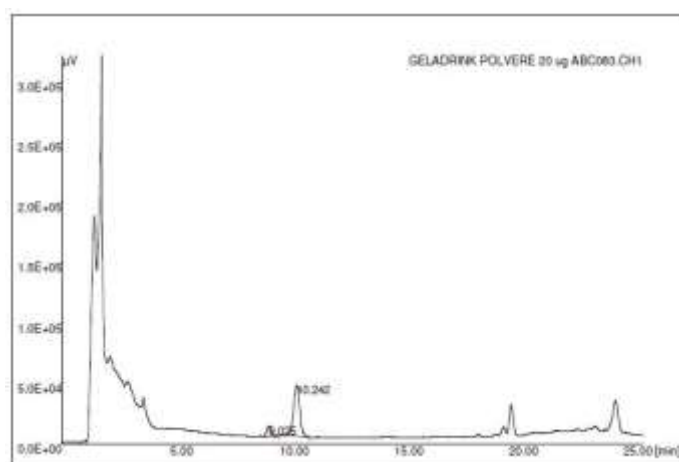
Tel. 0039 (0)59 2055543; Fax 0039 (0)59 2055548; e-mail: volpi@unimo.it



Modena, 29.09.2017

Sample CS batch GELADRINK FORTE powder

The sample has been analyzed by eHPLC for the determination of the chondroitin sulfate unsaturated disaccharides.



SAX-HPLC	CS CONTENT versus label declared
0s = nd	Electrophoresis = 97.6% w/w
6s = 12.6%	SAX-HPLC = 99.2 w/w
4s = 87.4%	
Disulfated dis = 0.0%	
Charge density = 1.00	
4s/6s = 6.94	



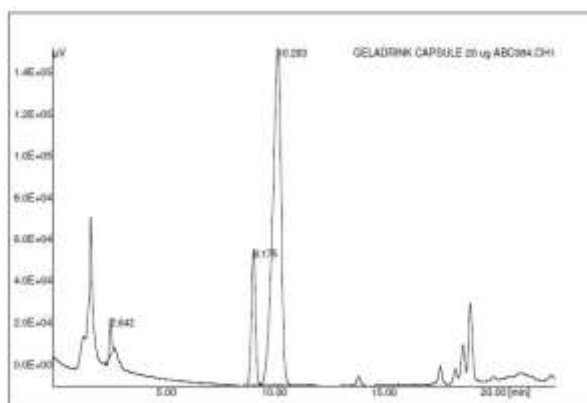
Università degli studi di Modena e Reggio Emilia
DIPARTIMENTO di Scienze della Vita
Via Campi 213/D

Tel. 0039 (0)59 2055543; Fax 0039 (0)59 2055548; e-mail: volpi@unimo.it



Sample CS batch GELADRINK FORTE capsules

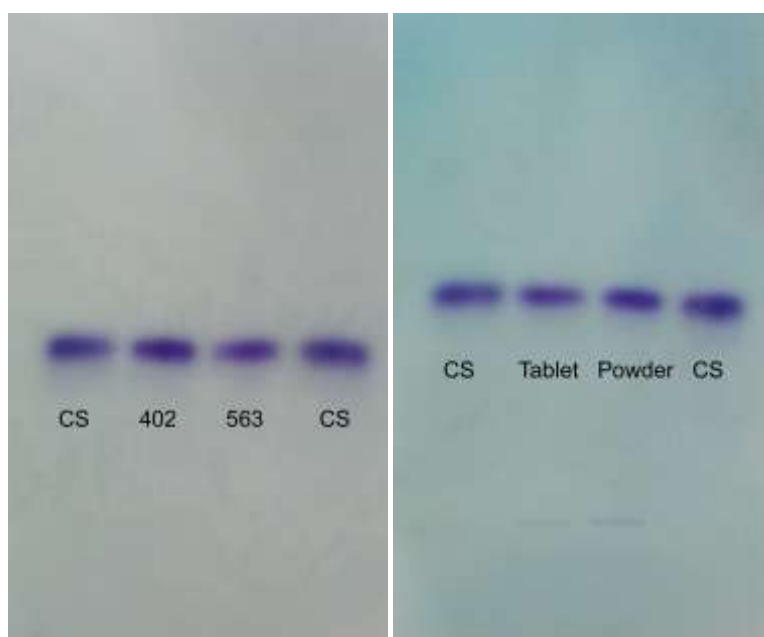
The sample has been analyzed by eHPLC for the determination of the chondroitin sulfate unsaturated disaccharides.



SAX-HPLC	CS CONTENT versus label declared
0s = 2.3%	Electrophoresis = 102.2% w/w
6s = 15.7%	SAX-HPLC = 100.7 w/w
4s = 82.0%	
Disulfated dis = 0.0%	
Charge density = 0.98	
4s/6s = 5.22	

	<p><i>Università degli studi di Modena e Reggio Emilia</i> DIPARTIMENTO di Scienze della Vita Via Campi 213/D Tel. 0039 (0)59 2055543; Fax 0039 (0)59 2055548; e-mail: volpi@unimo.it</p>	
---	---	---

Samples have been analyzed by ACE electrophoresis according to US Pharmacopeia for chondroitin sulfate content and purity.



All above reported analyses have been performed against the European CS Pharmacopeia Standard >98% pure.

Prof. Nicola Volpi
Associate Professor of Biochemistry
University of Modena and Reggio Emilia
Department of Life Sciences
Via Campi 213/d, 41100 Modena, Italy

Nicola Volpi