



"Año de la Diversificación Productiva y del Fortalecimiento de la Educación"

CONSTANCIA N° 47-USM-2015

LA JEFA DEL HERBARIO SAN MARCOS (USM) DEL MUSEO DE HISTORIA NATURAL, DE LA UNIVERSIDAD NACIONAL MAYOR DE SAN MARCOS, DEJA CONSTANCIA QUE:

La muestra vegetal (planta completa) recibida de **Maria Ysabel SOTO MONTOYA**; ha sido estudiada y clasificada como: ***Senecio rhizomatus* Rusby** y tiene la siguiente posición taxonómica, según el Sistema de Clasificación de Cronquist (1988).

DIVISION: MAGNOLIOPHYTA

CLASE: MAGNOLIOPSIDA

SUBCLASE: ASTERIDAE

ORDEN: ASTERALES

FAMILIA: ASTERACEAE

GENERO: *Senecio*

ESPECIE: *Senecio rhizomatus* Rusby

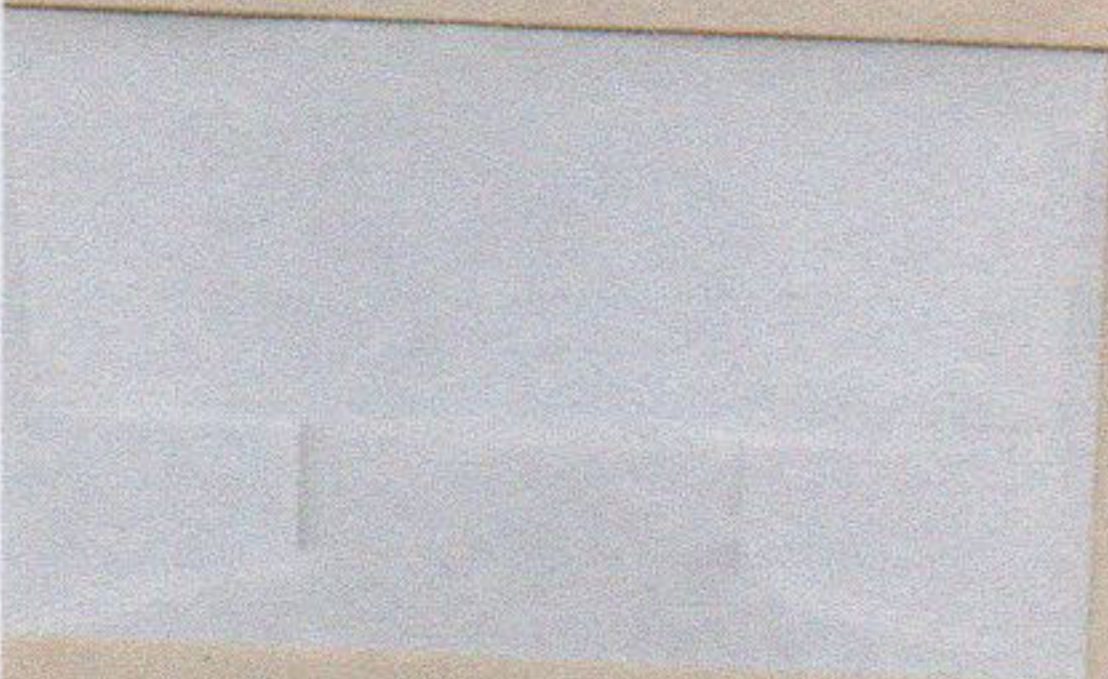
Nombre vulgar: "llancahuasha"
Determinado por Mag. Hamilton Beltrán Santiago.

Se extiende la presente constancia a solicitud de la parte interesada, para fines de estudios.

Fecha, 14 de abril de 2015



Haydee Montoya Terreros
Dra. HAYDEE MONTOYA TERREROS
JEFA DEL HERBARIO SAN MARCOS (USM)



TYPE OF:
Senecio rhizomatus Rusby
 Mem. Torr. Bot. Club 6:66, 1896.

1050
Senecio rhizomatus Rusby
S. croceus Weddell, not Linn. f.)
 DETERMINATION BY J. M. Greenman Aug 27/34

SENECIO RHIZOMATUS sp. n.
 From a horizontal terete rhizome; hispidulous; stem erect, 1-2 dm. high, purple; basal leaves on broad petioles nearly of their own length, the blade 3-6 cm. long, 1-2.5 cm. broad, ovate, cordate or rounded at the base, blunt, irregularly and coarsely sinuate-dentate, probably becoming lobed, thickish, at first erect; the cauline similar but lance-linear, clasping, tapering from the base to an acutish tip, more or less purplish; heads several at the summit, cernuous, about 2 cm. long and 3 cm. broad; involucre distinctly 2-serialled, nearly 2 cm. long, the scales rather lax, purplish with lighter margins, ferruginous-hairy, ovate, acutish, nearly equalling the pappus; rays not apparent; disk-corollas 1 cm. long, the tube proper green, slender, slightly dilated upward, nearly as long as the limb, into which it is abruptly expanded and which is gradually dilated to the summit; anther-bases minutely produced; style-branches abruptly terminating in a discoid dilation; mature akenes not seen.

Near snow-line, Mt. Tunari, 1891 (1050). Apparently the same is (1046) from the same locality. In herb. Kew as *S. croceus* Wedd., apparently a Ms. name and antedated by *S. croceus* (Tratt.) DC.



IMAGED

NEW YORK BOTANICAL GARDEN
 00259378



PLANTÆ BOLIVIANÆ.
 A MIGUEL BANG LECTÆ.
 Ex. Herbario Collegii Columbiæ, a N. L. Britton et H. H. Rusby distributæ.
Senecio rhizomatus Rusby
 Near snow-line, Mt. Tunari
 Bolivian Plateau.
 No. 1050.
 Apparently = 1046.



Becton Dickinson and Company
 BD Diagnostic Systems
 1475 Athens Highway
 Grayson GA 30017 US

Certificate of Analysis

Page: 1 of 2

Product Name : Vial Coag Plasma Rabbit Edta 10X3MI
 Catalog Number : 240827
 Batch Number : 4073385
 Expiration Date : 2017/03/08
 Manufacture Date : 2014/03/09

Dehydrated Appearance: Off-white to cream, dried button or fluffy material.
 Solubility: Soluble in distilled or deionized water. (per package instructions)
 Rehydrated Appearance: Off-white to cream, opaque solution without visible fibrin.
 Coagulase Test: A fixed amount of Coagulase Plasma was pipetted into one tube per test specimen. 0.05 milliliters of an overnight broth culture was added, mixed and incubated at 37 ± 1°C for six hours. Coagulation was examined after two, four and six hours of incubation.

TEST ORGANISMS	ATCC®	COAGULASE REACTION
Staphylococcus aureus	25923	clot (positive)
Staphylococcus aureus	29213	clot (positive)
Staphylococcus epidermidis	12228	no clot (Negative)
Enterobacter aerogenes	13048	no clot (Negative)

Animal Source	Country of Origin	Tissue Category			
		BIC	SIC	ABC	IB
Leporine	USA	IV	IV	IB	IB

The Batch Number on this certificate is synonymous with the Lot Number shown on the product label.

BD Diagnostics - Diagnostic Systems products are manufactured in ISO 9001:2008 Registered facilities. In addition, BD Diagnostics - Diagnostic Systems facilities are registered with the United States Food and Drug Administration (FDA), are regulated by the FDA's Quality System Regulations (QSRs), and are also ISO 13485:2003 Registered. This product met BDDS stringent quality standards at time of batch/lot release. Any test results reported on this certificate were obtained at time of release. This material is not for human or animal consumption.

BD Diagnostics - Diagnostic Systems' Certificates of Analysis (COA) typically contain animal origin information when products are manufactured using materials of animal origin. This information may be contained in the animal source table and/or in one or more of the additional paragraphs found on the COA. Following Quality Control release, the COA is created and published at <http://www.bd.com/regdocs>. For each batch of finished product that contains animal origin raw

Creation Date: 2014/04/23 13:42:39



Becton Dickinson and Company
 BD Diagnostic Systems
 1475 Athens Highway
 Grayson GA 30017 US

Certificate of Analysis

Page: 2 of 2

Product Name : Vial Coag Plasma Rabbit Edta 10X3MI
 Catalog Number : 240827
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materials, the COA shows the animal origin data from the individual lots of animal origin raw materials used, as provided by the raw material suppliers.

At times, suppliers notify BD Diagnostics - Diagnostic Systems of new and/or additional information they have received from their raw material suppliers that modifies the animal origin information for lots previously provided to BD. See "COA Animal Origin Information Position Statement" located at <http://www.bd.com/regdocs> under "Position Statements" for the impact that retrospective information has on COAs and on customers enrolled in the BDDS and BDAB Automated Change Notification Program.

For complete details on animal origin information, refer to "BD Position Statement - BD Diagnostic-Diagnostic Systems, COA Animal Origin Information Position Statement", at <http://www.bd.com/regdocs> under "Position Statements".

Paula A. Elliott
 WW Quality Manager, Media
 BD Diagnostics - Diagnostic Systems
 Signature Date: 2014/04/23

Creation Date: 2014/04/23 13:42:39



Certificate of Analysis

Becton Dickinson and Company
 BD Diagnostic Systems
 PO Box 999
 Sparks MD 21152-0999 US

Product Name : Bottle Baird Parker Agar Base 500G
Catalog Number : 276840 **Manufacture Date** : 2014/09/18
Batch Number : 4338820
Expiration Date : 2019/07/31

- 01. Dehydrated Medium Appearance: Light tan, free-flowing, homogeneous
- 02. Solubility: 6.3g/95mL solution, soluble in distilled or deionized water on boiling
- 03. Solution Appearance: Light to medium amber, very slightly to slightly opalescent
- 04. Cultural Response: Medium was prepared per label instructions with EY Tellurite Enrichment. Plates were inoculated with the test organisms and incubated at 35 ± 2°C for 24-50 hours.

TEST ORGANISMS	ATCC®	RECOVERY	COLONY COLOR	LECITHINASE PROD. (HALO)
Bacillus subtilis	6633	none to poor	brown	-
Proteus mirabilis	25933	good	brown	-
Staphylococcus aureus	25923	good	black	+
Staphylococcus epidermidis	14990	poor to good	black	-

Characteristic	Unit	Value	Lower Limit	Upper Limit
pH at 25°C :		6.9	6.8	7.0
Bulk Lot Number :	-	4246839		

Animal source	Country of Origin	Tissue Category		
		BIC	SIC	ABC
Bovine	Australia	IV	IV	IB
Bovine	New Zealand	IV	IV	MLK
Bovine	USA	III	III	IB
Bovine	USA	III	IV	IC
Bovine	USA	IV	IV	IB
Bovine	USA	IV	IV	NDF
Porcine	USA	II	II	IB
Porcine	USA	III	III	IB

The Batch Number on this certificate is synonymous with the Lot Number shown on the product label.

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RV

DVE-1000 DYE VISCOMETER

20-45-17
MOUNTAIN VIEW COLLEGE
LABORATORY