

PRODUCT SPECIFICATIONS

Vt-p-01-f1 Rev. 0



I. PRODUCT INFORMATION

Comercial Name	BIOCALIDRA
Chemical Name	Calcium Hydroxide
Chemical Formula	Ca(OH) ₂
Product Description	BIOCALIDRA is a product used in the chemical industry and food industry, by high purity, lows heavy metals in addition to highest standard of preparation and care during production.

II. PRODUCT PROPERTIES

TYPICAL CHEMICAL PROPERTIES

		<u>Reference</u>	<u>Tipic values</u>	<u>Specification</u>
Calcium Hydroxide	Ca(OH)₂	ASTM C-25	97.0-97.5%	97.0 % min.
Calcium Oxide	CaO	XRF	74.2-74.5%	73.44 % min
Magnesium and Alkaline Salts	Mg + ALK Salts	XRF	1.2-2.0%	4.8 % máx.
Acid Insoluble Substances	Insol HCl	XRF	0.3-0.7%	0.70 % máx.
Cadmium*	Cd	ICP-MS/LAB EXT	0.2-0.5 ppm	0.5 ppm máx.
Mercury*	Hg	ICP-MS/ LAB EXT	<0.5 ppm	0.5 ppm máx.
Sulfur*	S	XRF	0.01-0.03%	0.05% máx.
Fluorine	F	LAB EXT	<40 ppm	40 ppm máx.
Arsenic	As	ICP-MS/LAB EXT	<1 ppm	1 ppm máx.
Lead	Pb	ICP-MS/ LAB EXT	<1 ppm	1 ppm máx.
Magnesium oxide	MgO	XRF	0.5-0.7%	1.0% máx.
Iron*	Fe	XRF	100-200 ppm	200 ppm máx
Aluminum*	Al	XRF	500-600 ppm	600 ppm máx.
Carbonate*				Meets the Food Chemical Codex Standard

TYPICAL PHYSICAL PROPERTIES

		<u>Reference</u>	<u>Typic values</u>	<u>Specification</u>
% Free Moisture	H	GRAVIMETRIC	0.3-0.7%	1.0% máx.
pH	pH		12.0-12.5	12.0 min
-325 Mesh (45µm)	%M325	ASTM C-110	95.0-98.0%	95.0 min

* These parameters are reported at the customer's request

III. PRESENTATION

Presentation **Big Bag**

IV. STORAGE RECOMMENDATION

Keep at room temperature and protected from moisture.

V. CERTIFICATIONS

- Meets the requirements of Food Chemical Codex 11 Edition
- Kosher Pareve Certificate
- ISO 22000
- Good Manufacture Practices by AIB
- Product registered of FDA

VI. EXPIRATION DATE OR PREFERRED USE

18 months

VII. MANUFACTER INFORMATION

Made By: CALIDRA DE ORIENTE, S.A. DE C.V.
 Ex Hacienda San Martín La Joya s/n, Acajete Puebla
 C.P. 75111 Tel: 223 275 3600
www.calidra.com

Changes with respect to the previous Review

Rev. 1: Change specifications

The information provided here in is intended to assist customers in determining whether our product is suitable for their applications. Use of the product is the responsibility of the consumer as well as the suitability of using the product in their processes or applications. The need to modify this specification must be made in writing by the company and at least 6 months in advance.

