

## **Red Mud Powder 100 g (CANADA)**

Art. ID	ALCAN-RM-07
Unit	100 g (powder)
Deliverydetails	No Dangerous Good /not restricted

### Description

#### Assigned values

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
LECO or TGA	Loss of Mass, 110-1000° C as H <sub>2</sub> O and C		18,4 ± 0,2	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Aluminum as Al <sub>2</sub> O <sub>3</sub>		26,9 ± 0,6	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Iron as Fe <sub>2</sub> O <sub>3</sub>		4,0 ± 0,4	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Silicon as SiO <sub>2</sub>		15,7 ± 0,5	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Titanium as TiO <sub>2</sub>		8,2 ± 0,2	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Chromium as Cr <sub>2</sub> O <sub>3</sub>		0,16 ± 0,01	%		
SM 1359-99, XRF, glass beads/ICP	Calcium as CaO		16,5 ± 0,4 ± Alcan	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Phosphorus as P <sub>2</sub> O <sub>5</sub>		0,21 ± 0,03	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Zirconium as ZrO <sub>2</sub>		0,28 ± 0,03	%		
SM 1359-99, XRF, glass beads/ICP	Zinc as ZnO		0,01 ± 0,001 ± Alcan	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Manganese as MnO		0,013 ± 0,004	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Vanadium as V <sub>2</sub> O <sub>5</sub>		0,16 ± 0,03	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Potassium as K <sub>2</sub> O		0,02 ± 0,01	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Magnesium as MgO		0,03 ± 0,01	%		
Alcan SM 1359-99, XRF,	Sodium as Na <sub>2</sub> O		8,4 ± 0,2	%		

glass beads/ICP

DSC Alcan SM 1029-00	g-Al <sub>2</sub> O <sub>3</sub> as Al <sub>2</sub> O <sub>3</sub>	0,05 ± 0,04	%
Alcan SM 1177-04 , high temperature digestion1	Total Extratable Alumin a as Al <sub>2</sub> O <sub>3</sub>	12,2 ± 0,8	%
Wet Oxidation	Total Organic Carbon as C	0,25 ± 0,02	%