

KLAKONA SYSTEMS S.R.O.

Coastal 394/12, Karlin, 186 00 Praha 8, Czech Republic

CERTIFICATE OF ANALYSIS

Type of product: *ingots Al₂O₃*

Lot number: 20150605A

Purity: 99,998

CHEMICAL ANALYSIS*

<u>element</u>	<u>Concentration, ppm</u>	<u>element</u>	<u>Concentration, ppm</u>
Li	0,3	V	<0,02
Be	0,04	Cr	0,21
B	0,13	Mn	0,11
Na	3,8	Fe	2,0
Mg	0,6	Ni	0,05
Si	9	Cu	<1,5
K**	1,1	Zn	0,25
Ca	2,3	Zr	0,12
Ti	0,7	Mo	<1,6

PHYSICAL PROPERTIES

Bulk Density $\geq 3,3$ g/cm³

*Chemical analysis determined by Glow Discharge Mass-Spectrometry

** Determined by Inductively Coupled Plasma – Optical Emission Spectrometry