



**Scharlab s.l.**  
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## CERTIFICATE OF ANALYSIS

Product: **Sodium carbonate anhydrous**, reagent grade, ACS, Batch 11655202  
**S00116** ISO Test date 22/03/2010  
Shelf life 3/2015

Analysis	Batch value	Guaranteed value
assay (acidimetric, on dried sample)	100,0 %	min. 99,9 %
insoluble in water	< 0,01 %	max. 0,01 %
chlorides (Cl)	< 0,001 %	max. 0,001 %
phosphates (as PO <sub>4</sub> )	< 0,001 %	max. 0,001 %
silica (SiO <sub>2</sub> )	< 0,005 %	max. 0,005 %
total N	< 0,001 %	max. 0,001 %
aluminium (Al)	< 0,001 %	max. 0,001 %
arsenic (As)	< 0,0001 %	max. 0,0001 %
calcium (Ca)	< 0,005 %	max. 0,005 %
heavy metals (as Pb)	< 0,0005 %	max. 0,0005 %
iron (Fe)	< 0,0005 %	max. 0,0005 %
lead (Pb)	< 0,0005 %	max. 0,0005 %
magnesium (Mg)	< 0,0005 %	max. 0,0005 %
potassium (K)	< 0,005 %	max. 0,005 %
zinc (Zn)	< 0,0005 %	max. 0,0005 %
substances precipitable by ammonia	< 0,01 %	max. 0,01 %
sulphur compounds (as SO <sub>4</sub> )	< 0,003 %	max. 0,003 %
total S (as SO <sub>4</sub> )	< 0,003 %	max. 0,003 %
substances precipitable by Ca and Mg	< 0,01 %	max. 0,01 %
loss on drying (285 °C)	0,04 %	max. 1,0 %

This certificate does not release the user from the reception control .

This certificate is an electronic copy of the certificate available in our laboratory, and does not require signature

If you need further details, please call at our factory or contact our local distributor.

You can get a copy of any of our COA from our web site: [www.scharlau.com](http://www.scharlau.com)