


Specification

Sodium Carbonate anhydrous *BioChemica*

A3900

Solubility:	220 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A3900
Product Name:	Sodium Carbonate anhydrous <i>BioChemica</i>
Specifications:	<p>Assay (titr.): min. 99.5 %</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Insoluble matter: passes test</p> <p>Water: max. 1 %</p> <p>Chloride: max. 0.002 %</p> <p>Phosphate: max. 0.001 %</p> <p>Sulfate: max. 0.005 %</p> <p>A (1 cm/1 M in H₂O)</p> <p>260 nm: max. 0.03</p> <p>280 nm: max. 0.02</p>
Hazard pictograms	
WGK:	1
Storage:	RT
Signal Word:	Attention
GHS Symbols:	GHS07
H Phrases:	H319
P Phrases:	P260 P305+P351+P338

AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

Specification

Sodium Carbonate anhydrous *BioChemica*

A3900

Molecular Formula:	Na ₂ CO ₃
M:	105.99 g/mol
CAS:	497-19-8
EINECS:	207-838-8
CS:	28362000
Index Nr.:	011-005-00-2
Comment The assay for β-galactosidase as an internal control of transient transfections is very often conducted with ONPG (A1272) as enzyme substrate. A yellow colour is formed. The enzymatic reaction is stopped with 1 M sodium carbonate. This intensifies the yellow colour.	
Bibliography (1)Janknecht, R. <i>et al.</i> (1995) <i>Oncogene</i> 10 , 1209-1216SAP1a is a nuclear target of signaling cascades involving ERKs.	

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