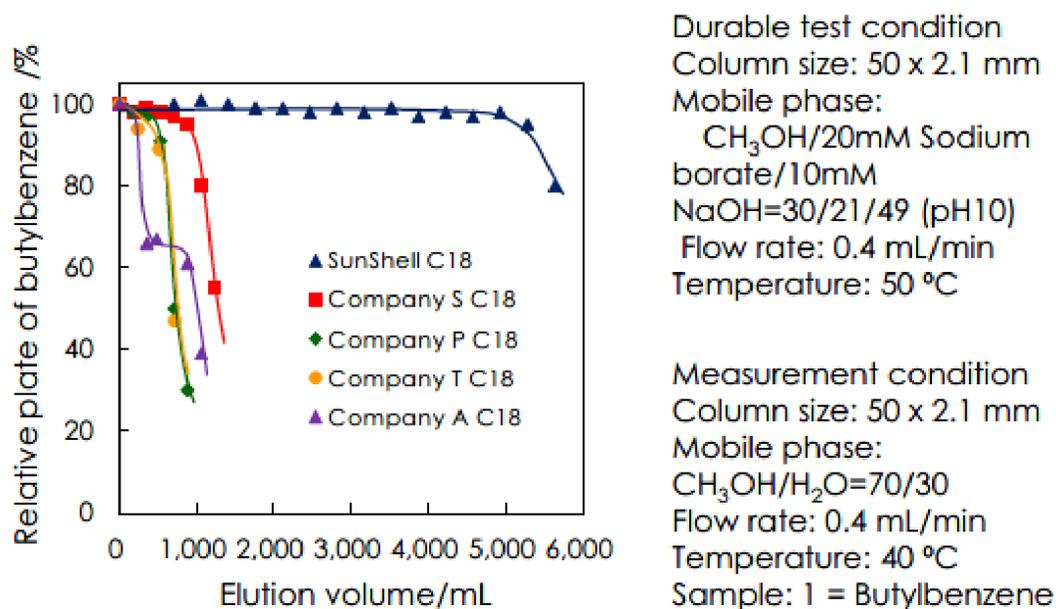


## Stability under basic pH condition




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This slide shows stability under a basic pH condition. The upper information is the Durable condition. Mobile phase is methanol and 20 mM sodium borate and 10mM sodium hydroxide (30 to 21 to 49) pH 10. Temperature is 50°C. Under a basic pH condition, C18 is deteriorated by dissolving silica gel and avoid yields in the column so that the theoretical plate decreases. The vertical axis Relative plate of butylbenzene /%. SunShell C18 can be used 5000 mL of elution volume which shows our column to be much more stable than the other players.