

Indian Standard

QUALITY TOLERANCE S FOR WATER R FOR FERMENTATIO N INDUSTR Y

0. FOREWORD

0.1 Thi s India n Standar d wa s adopte d b y th e India n Standard s Institu - tion o n 2 9 Jun e 1968 , afte r th e draf t finalize d b y th e Wate r Sectiona l Committee ha d been approved b y th e Chemical Divisio n Council .

0.2 Wate r is used in th e fermentatio n industr y fo r brewin g an d distillin g and fo r general purpose s, such a s washin g . I n th e brewery , wate r is use d fo r (a) brewin g , (b) boile r feed , (c) bottl e an d ke g washin g an d pasteuriz - in g , and (d) coolin g . I n th e distillery , wate r is use d fo r (a) mash makin g , (b) coolin g of masher an d condenser , (c) boile r feed , an d (d) deproofin g . Thi s standar d i s intende d to guid e th e fermentatio n industr y i n judgin g th e suitabilit y o f a particula r suppl y o f wate r fo r tha t industr y an d i n plannin g th e type o f treatment require d fo r available supplie s o f wate r .

0.3 Th e requirement s fo r wate r fo r boile r fee d purpose s ar e covere d i n IS: 1680-1960*.

0.4 Fo r th e purpose o f decidin g whether a particula r requiremen t o f thi s standar d i s complied with , th e final value , observe d or calculate d , express - in g th e result o f a tes t or analysis , shall be rounde d off in accordanc e with IS:2-1960†. Th e numbe r o f significan t place s retain e d i n th e rounde d off valu e shoul d b e th e sam e a s tha t o f th e specifie d valu e i n thi s standar d .

1. SCOPE

1.1 Thi s standar d prescribe s th e qualit y tolerance s fo r wate r use d i n fermentation industr y (brewin g , distillery , antibiotic s an d citri c aci d manufacture).

*Code of practice fo r treatment o f wate r fo r land boile rs . (Since revise d) .

†Rule s fo r roundin g off numerical value s (*revised*) .