REAGENTS
DUKSAN

Certificate of Analysis

Boric acid

[10043-35-3] (BH3O3) FW:61.84

Product code. 7881

Ph Eur/USP/BP Grade

TESTS	UNIT	SPECIFICATION
Appearance	-	White or almost white crystalline powder
Identification A (EP,BP)	-	Qualitative test
Identification B (EP,BP)	-	Qualitative test
Identification A (USP, NF)	-	Qualitative test
Appearance of solution (EP, BP)	-	To pass test
Completeness of solution (USP/NF)	-	To pass test
pH (EP, BP)	-	3.8 ~ 4.8
Solubility in ethanol (96%) (EP, BP)	-	To pass test
Solubility in ethanol (96%) (USP/NF)	-	To pass test
Organic matter (EP, BP)	-	To pass test
Sulfate (EP, BP)	mg/kg	≤ 450.0
Assay (EP, BP)	%	99.0 ~ 100.5
Assay (USP/NF)	%	99.5 ~ 100.5
Loss on drying (USP/NF)	%	≤ 0.5
Heavy Metals (as Pb)	%	Max. 0.001

Test Method : Ph Eur/USP/BP

Exp. Date : 3 years after Mfg. Date

DUKSAN PURE CHEMICALS CO. LTD

Ansan | 53, Sinwon-ro 133beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea
JinCheon | 13-37, Sansusandan 1-ro, Deoksan-eup, Jincheon-gun, Chungcheongbuk-do, Korea
TEL : +82-31-495-6886 FAX : +82-31-495-5335
World Wide Web : WWW.DUKSAN.KR

Quality Assurance Director