

SPECIFICATION

Product : **DEANOL BITARTRATE** **Page 1 / 1**
Product no. : **0262101025** **Version 8** **valid from: 05/10**
Manufacturer : **Dr. Bohne & Co. KG, Schwelm, Germany**
Synonym : **2-(Dimethylamino) ethanol bitartrate, Deanolhydrogentartrat, N,N-Dimethyl-2-hydroxyethylamine bitartrate, Ethanol-2-(Dimethylamino-R(R`R`))-2,3-Dihydroxybutandioat (1:1) Salz, β-Dimethylaminoethyl alcohol bitartrate, 2-Dimethylaminoethanol-hydrogentartrat**
CAS-No. : **5988-51-2** **Formula** : **C₈H₁₇NO₇**
EINECS : **227-809-3** **Mol.-weight** : **239,23**
ASK-No. : **1842**

Controls	Specification	Method
Description	hygroscopic powder	visual
Colour	white	visual
Odour	almost odourless	olfactorily
Solubility	freely soluble in water, slightly soluble in alcohol	
Identification 1) Melting Point 2) specific rotation (c=3, water)	112 – 114 °C + 17,1° - + 17,9°	PH.EUR. – 2.2.14 PH.EUR. – 2.2.7
Loss on drying	max.1 %	PH.EUR. - 2.2.32 d (1 h at 70 °C)
pH 1 %	3,2 - 3,5	PH.EUR. - 2.2.3
Heavy metals	max. 10 ppm	PH.EUR. - 2.4.8
Sulfated ash	max. 0,1 %	PH.EUR.- 2.4.14
Assay	99 – 101 %	DAB V.3.5.5
DMAE-content	36,9 - 37,65 %	mathematical
Residual solvents	Ethanol (max. 5000 ppm)	PH.EUR. – 2.4.24

Primary packing	:	In 25 kg fibredrums
Storage	:	In airtight containers, protected from light, store dry and at temperatures between +5 °C and +25 °C
Durability	:	3 years