



SPECIFICATION

Product : DEANOL BITARTRATE FINE **Page 1 / 1**
Product no. : 0262101025 **Version 8** **valid from:** 03/11
Manufacturer : Dr. Bohne Nachf. GmbH & 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** : $C_8H_{17}NO_7$
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	112 – 114 °C	PH.EUR. – 2.2.14
2) specific rotation (c=3, water)	+ 17,1° - + 17,9°	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
Bulk density	500 – 700 g/l	In-house method
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