



## SPECIFICATION

**Product** : DEANOL BITARTRATE FINE **Page 1 / 1**  
**Product no.** : 0262101025 **Version 7** **valid from:** 02/09  
**Manufacturer** : Dr. Bohne & Co. KG, Schwelm, Germany  
This product is produced on an exclusive basis for Kraeber GmbH & Co.  
**Synonym** : 2-(Dimethylamino) ethanol bitartrate, Deanolhydrogentartrat, N,N-Dimethyl-2-hydroxyethylamine bitartrate, Ethanol-2-(Dimethylamino-R(R`R`))-2,3-Dihydroxybutandioat (1:1) Salz,  $\beta$ -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	white, hygroscopic powder, almost odourless	
Solubility	freely soluble in water, slightly soluble in alcohol	
Loss on drying (1 h at 70° C.)	max.1%	PH.EUR. 6.0 - 2.2.32 d
Melting point	112 - 114° C	PH.EUR. 6.0 - 2.2.14
pH 1 %	3,2 - 3,5	PH.EUR. 6.0 - 2.2.3
Specific rotation (c=3, water)	+17,1° - +17,9°	PH.EUR. 6.0 - 2.2.7
DMAE-content	36,9 - 37,65 %	Perchloric acid titration (DAB 10 V.3.5.5)
Heavy metals - Lead - Cadmium - Mercury	max. 10 ppm max. 3 ppm max. 1 ppm max. 0,1 ppm	PH.EUR. 6.0 - 2.4.8
Sulfated ash	max. 0,1 %	PH.EUR. 6.0 - 2.4.14
bulk density	500 – 700 g/l	
Assay	99 – 101 %	Perchloric acid titration (DAB 10 V.3.5.5)
Residual solvents	according PH.EUR. 6.0 – 5.4	PH.EUR. 6.0 – 2.4.24

<b>Primary packing</b>	:	In 25 kg fibredrums
<b>Storage</b>	:	In airtight containers, protected from light, store dry and not exceed 25°C
<b>Durability</b>	:	3 years

**Use** : Antidepressivum / Antidepressant