

**SPECIFICATION**

**Product** : **DEANOL BITARTRATE** **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<sub>8</sub>H<sub>17</sub>NO<sub>7</sub>**  
**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
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

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