

QUALITY CERTIFICATE

Product name: SALICYLIC ACID
Quality: Ph.Eur.11.0.
Package: 1000 g
Formula: $C_7H_6O_3$
Rel. mol. weight: 138,12
Lot No.: GG3657517
Manufacturing date: 05.2023.
Expiry date: 30.09.2028. (DMY)
Anal. No.: 16023H57517

	REQUIRED	MEASURED
Appearance:	white or almost white crystalline powder or colourless crystals	white crystalline powder
Assay	99,0-100,5 %	99,6 %
Melting point	158-161 °C	160,9 °C
Identity (IR)	identical	identical
Identification test 'C'	identical	identical
Solubility	sparingly soluble in water, freely soluble in ethanol (96 per cent)	sparingly soluble in water, freely soluble in ethanol (96 per cent)
Appearance of solution	passes test	passes test
4-Hydroxybenzoic acid	max.0,1 %	<0,1 %
4-Hydroxyisophthalic acid	max.0,05 %	<0,05 %
Phenol	max.0,02 %	<0,02 %
Unspecified impurities	max.0,05 %	<0,03 %
Related substances HPLC (total impurities)	max.0,2 %	<0,2 %
Chloride	max.100 ppm	<100 ppm
Sulfate	max.200 ppm	<200 ppm
Heavy metals (Pb)	max.20 ppm	<20 ppm
Loss on drying	max.0,5 %	0,05 %
Sulphated ash	max.0,1 %	0,05 %
Residual solvent	not detectable	passes test

The Product complies with the requirements of Ph.Eur.11.0.

Kiállítva: Halásztelek, 2023.12.01.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
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