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Docult

< 0.05 %

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## **Certificate of Analysis**

Product Name : Doxylamine Succinate

 Product Number :
 ARK2009-10KG

 Batch Number :
 0000324155

 Source Batch :
 0000295384

 CAS Number :
 562-10-7

Toot

Test	Specification	Result
DESCRIPTION (USP)	White or creamy white powder having a	White powder having a characteristic
	characteristic odour	odour
ID – UV (USP)	≤ 3.0 %	1.9 %
HPLC RETENTION TIME (USP)	The retention time of doxylamine	Conforms
	succinate in the sample solution corresponds to the retention time of doxylamine succinate in the standard solution	
SUCCINIC ACID M.POINT (USP)	184 - 188 °C	185 °C
SOLUBILITY (USP)	Very soluble in water and alcohol.	Conforms
	Freely soluble in chloroform. Very slightly soluble in Ether	
LOSS ON DRYING (USP)	≤ 0.5 %	0.0 %
ROI (USP)/SULP ASH (PhEur)	≤ 0.1 %	0.0 %
HPLC ASSAY (USP)	98.0 - 102.0 %	99.6 %
Dried basis		
ORGANIC IMPURITIES (USP)	≤ 0.10 %	0.00 %
Doxylamine pyridinyl N-oxide		
ORGANIC IMPURITIES (USP)	≤ 0.10 %	0.00 %
Doxylamine Dioxide		
ORGANIC IMPURITIES (USP)	≤ 0.15 %	< 0.05 %
Doxylamine pyridine-4-yl isomer		
ORGANIC IMPURITIES (USP)	≤ 0.5 %	0.1 %
Carbinoxamine Rel Compound C		
ODOANIO IMPLIDITIFO (LIOP)	0.40.0/	0.05.07

Specification

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

≤ 0.10 %

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ORGANIC IMPURITIES (USP)



Product Batch	ARK2009-10KG 0000324155				
Doxylamine ethylamine N-oxide					
ORGANIC IMP	URITIES (USP)	≤ 0.15 %	0.00 %		
Doxlyamine alcohol					
ORGANIC IMP	URITIES (USP)	≤ 0.15 %	0.00 %		
2-Benzoylpyridine					
ORGANIC IMP	URITIES (USP)	≤ 0.10 %	< 0.05 %		
Any Unspe	cified Impurity				
ORGANIC IMP	URITIES (USP)	≤ 1.0 %	0.1 %		
Total Impur	rities				
TAPPED DENS	SITY (USP)	0.65 - 0.82 g/mL	0.74 g/mL		
RESIDUAL SO	LVENTS	≤ 2000 ppm	813 ppm		
Isopropano	ıl				
RESIDUAL SO	LVENTS	≤ 2000 ppm	< 300 ppm		
Methanol					
RESIDUAL SO	LVENTS	≤ 2000 ppm	0 ppm		
Xylene					
ELEMENTAL II	MPURITIES				
	tal impurities exceeded the shold of the option 1				

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limit as stated in ICH Q3D

QC Manager

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