

Specification

Technical Data Sheet

Product Name	alpha-(2,4-Dichlorophenyl)-(1H)-imidazole-1-ethanol
Product No	10348695
CAS Number	24155-42-8
Storage Temperature	Ambient
Molecular Weight	257.12

Specification

Appearance	White to coloured powder
1-(2,4-Dichlorophenyl)-2-(2-methylimidazole-1-yl)ethanol	≤ 0.05%
1-(2,4-Dichlorophenyl)-2-(4-methylimidazole-1-yl)ethanol	≤ 0.05%
1-(2,4-Dichlorophenyl)-2-(5-methylimidazole-1-yl)ethanol	≤ 0.05%
1-(2,5-Dichlorophenyl)-2-(1H-imidazole-1-yl)ethanol	≤ 0.1%

Specification

1-(3,4-Dichlorophenyl)-2-(1H-Imidazole-1-yl)ethanol	$\leq 0.1\%$
IR spectrum	Conforms to standard
Optical Rotation angle (10% methanol)	0 ± 0.4
Other Impurity	$\leq 0.5\%$
Sulphated Ash	$\leq 0.1\%$
Sum of impurity	$\leq 1.0\%$
Chromatograph purity	$\geq 99\%$
Melting Range	133 - 138 °C
Potentiometric assay	98.0 - 101.0 %
