



Technical Data Sheet

Scope:

This standard is applicable to the food additive shellac red (also known as shellac red) prepared by hydrochloric acid method using lac gum as raw material.

Specification:

Item	Standard
Color	Bright red
Color valence ($E^{1\%}_{1cm}$, 490 nm) \geq	130.0
Reduction in drying w/% \leq	10.0
Residue on ignition w/% \leq	0.8
pH	3.0~4.0
Pb mg/kg \leq	5.0
As mg/kg \leq	2.0
Heavy metals (Pb) mg/kg \leq	30.0

Note: Commercialized lac red products should be made of lac red that meets this standard as raw materials, and edible dextrin, antioxidants and other excipients can be added.